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STATE HIGHWAYS

MONTANA

EXPANDED LOADOMETER SURVEY

AUGUST 1952

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STATE OF MONTANA
STATE HIGHWAY COMMISSION
HIGHWAY PLANNING SURVEY

In cooperation with
U.S. DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

February, 1953

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WC-1

Butte

State Montana Sta. No. 1
Year 1952 Direction Combined
Season August

Number of Vehicles of Each Type Weighed and Number Counted During Each Period of Operation

Vehicle type	Hour - period 6 - 2 Thurs. July 31		2 - 10 Wed. July 30		10 - 6 Fri. Aug. 1		Total traffic counted
	Weighed	Counted	Weighed	Counted	Weighed	Counted	
Single-unit trucks							
Panels and pick-ups	16	174	13	182	4	49	405
Other 2-axle, 4-tired	3	24	2	2		2	28
Other 2-axle, 6-tired	50	86	24	58	4	6	150
3-axle	3	5	1	4			9
Subtotal	72	289	40	246	8	57	592
Tr-Tk semi-trailers							
3-axle	7	9	5	5	4	4	18
4-axle	6	9	3	3	4	4	16
5-axle or more	13	14	14	14	13	15	43
Subtotal	26	32	22	22	21	23	77
Tk-Trailer combinations							
4-axle or less	1	1				1	2
5-axle	7	7	3	3	4	4	14
6-axle or more					4	4	4
Subtotal	8	8	3	3	8	9	20
All combinations	34	40	25	25	29	32	97
All trucks and combs.	106	329	65	271	37	89	689
Passenger cars	xxx	1721	xxx	2351	xxx	587	4659
Busses	xxx	18	xxx	21	xxx	18	57
All vehicle types	xxx	2068	xxx	2643	xxx	694	5405

WC-2

State Montana Sta. No. Butte 1
Year 1952 Direction Combined
Season August 8-hr. period 6AM-2PM

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	32							32	348
Other 2-axle, 4-tired	6							6	48
Other 2-axle, 6-tired	97	2		1				100	172
3-axle	9							9	15
Subtotal	144	2		1				147	583
Tr-Tk semi-trailers									
3-axle	18	2	1					21	27
4-axle	20	1	2	1				24	36
5-axle or more	47	13	5					65	70
Subtotal	85	16	8	1				110	133
Tk-Trailer combinations									
4-axle or less	1		2	1				4	4
5-axle	13	10	12					35	35
6-axle or more									
Subtotal	14	10	14	1				39	39
All combinations	99	26	22	2				149	172
All trucks and combs.	243	28	22	3				296	755

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WC-2

State Montana Sta. No. Butte 1
Year 1952 Direction Combined
Season August 8-hr. period 2PM-10PM

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	26							26	364
Other 2-axle, 4-tired	4							4	4
Other 2-axle, 6-tired	47	1						48	116
3-axle	3							3	12
Subtotal	80	1						81	496
Tr-Tk semi-trailers									
3-axle	12	2	1					15	15
4-axle	12							12	12
5-axle or more	63	6	1					70	70
Subtotal	87	8	2					97	97
Tk-Trailer combinations									
4-axle or less									
5-axle	15							15	15
6-axle or more									
Subtotal	15							15	15
All combinations	102	8	2					112	112
All trucks and combs.	182	9	2					193	608

WC-2

Butte

State Montana Sta. No. 1
Year 1952 Direction Combined
Season August 8-hr. period 10PM-6AM

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	8							8	98
Other 2-axle, 4-tired									4
Other 2-axle, 6-tired	8							8	12
3-axle									
Subtotal	16							16	114
Tr-Tk semi-trailers									
3-axle	12							12	12
4-axle	9	3	4					16	16
5-axle or more	57	7	1					65	75
Subtotal	78	10	5					93	103
Tk-Trailer combinations									
4-axle or less									4
5-axle	16	2	2					20	20
6-axle or more	22	1	1					24	24
Subtotal	38	3	3					44	48
All combinations	116	13	8					137	151
All trucks and combs.	132	13	8					153	265

WC-2

Butte

State Montana Sta. No. 1
Year 1952 Direction Combined
Season August 8-hr. period 6AM-6AM
24 hours

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	66							66	810
Other 2-axle, 4-tired	10							10	56
Other 2-axle, 6-tired	152	3		1				156	300
3-axle	12							12	27
Subtotal	240	3		1				244	1193
Tr-Tk semi-trailers									
3-axle	42	4	2					48	54
4-axle	41	4	6	1				52	64
5-axle or more	167	26	7					200	215
Subtotal	250	34	15	1				300	333
Tk-Trailer combinations									
4-axle or less	1		2	1				4	8
5-axle	44	12	14					70	70
6-axle or more	22	1	1					24	24
Subtotal	67	13	17	1				98	102
All combinations	317	47	32	2				398	435
All trucks and combs.	557	50	32	3				642	1628

WC-3

Butte

State Montana Sta. No. 1
Year 1952 Direction Combined
Season August 8-hr. period 6AM-2PM

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 – 24.9	25.0 – 29.9	30.0 – 39.9	40.0 – 49.9	50.0 – 59.9	60.0 – 69.9	70.0 – 79.9	80.0 over		
Single-unit trucks											
Panels and pick-ups	16									16	174
Other 2-axle, 4-tired	3									3	24
Other 2-axle, 6-tired	47	3								50	86
3-axle	1	2								3	5
Subtotal	67	5								72	289
Tr-Tk semi-trailers											
3-axle	1	2	1	3						7	9
4-axle	1		1	2	1		1			6	9
5-axle or more				3	3	1	3	3		13	14
Subtotal	2	2	2	8	4	1	4	3		26	32
Tk-Trailer combinations											
4-axle or less							1			1	1
5-axle						1	1	5		7	7
6-axle or more											
Subtotal						1	2	5		8	8
All combinations	2	2	2	8	4	2	6	8		34	40
All trucks and combs.	69	7	2	8	4	2	6	8		106	329

WC-3

State Montana Sta. No. Butte 1
Year 1952 Direction Combined
Season August 8-hr. period 2PM-10PM

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 – 24.9	25.0 – 29.9	30.0 – 39.9	40.0 – 49.9	50.0 – 59.9	60.0 – 69.9	70.0 – 79.9	80.0 – over		
Single-unit trucks											
Panels and pick-ups	13									13	182
Other 2-axle, 4-tired	2									2	2
Other 2-axle, 6-tired	24									24	58
3-axle	1									1	4
Subtotal	40									40	246
Tr-Tk semi-trailers											
3-axle	1	1	1	2						5	5
4-axle		1		2						3	3
5-axle or more			1	4	1	6	1	1		14	14
Subtotal	1	2	2	8	1	6	1	1		22	22
Tk-Trailer combinations											
4-axle or less											
5-axle			1	2						3	3
6-axle or more											
Subtotal			1	2						3	3
All combinations	1	2	3	10	1	6	1	1		25	25
All trucks and combs.	41	2	3	10	1	6	1	1		65	271

WC-3

State Montana Sta. No. Butte 1
Year 1952 Direction Combined
Season August 8-hr. period 10PM-6AM

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 - 24.9	25.0 - 29.9	30.0 - 39.9	40.0 - 49.9	50.0 - 59.9	60.0 - 69.9	70.0 - 79.9	80.0 over		
Single-unit trucks											
Panels and pick-ups	4									4	49
Other 2-axle, 4-tired											2
Other 2-axle, 6-tired	4									4	6
3-axle											
Subtotal	8									8	57
Tr-Tk semi-trailers											
3-axle	1	2	1							4	4
4-axle			1			3				4	4
5-axle or more				3	3	5	1	1		13	15
Subtotal	1	2	2	3	3	8	1	1		21	23
Tk-Trailer combinations											
4-axle or less											1
5-axle				3				1		4	4
6-axle or more				1	1		2			4	4
Subtotal				4	1		2	1		8	9
All combinations	1	2	2	7	4	8	3	2		29	32
All trucks and combs.	9	2	2	7	4	8	3	2		37	89

WC-3

State Montana Sta. No. Butte 1
Year 1952 Direction Combined
Season August 8-hr. period 6AM-6AM 24 hours

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 – 24.9	25.0 – 29.9	30.0 – 39.9	40.0 – 49.9	50.0 – 59.9	60.0 – 69.9	70.0 – 79.9	80.0 – over		
Single-unit trucks											
Panels and pick-ups	33									33	405
Other 2-axle, 4-tired	5									5	28
Other 2-axle, 6-tired	75	3								78	150
3-axle	2	2								4	9
Subtotal	115	5								120	592
Tr-Tk semi-trailers											
3-axle	3	5	3	5						16	18
4-axle	1	1	2	4	1	3	1			13	16
5-axle or more			1	10	7	12	5	5		40	43
Subtotal	4	6	6	19	8	15	6	5		69	77
Tk-Trailer combinations											
4-axle or less							1			1	2
5-axle			1	5		1	1	6		14	14
6-axle or more				1	1		2			4	4
Subtotal			1	6	1	1	4	6		19	20
All combinations	4	6	7	25	9	16	10	11		88	97
All trucks and combs.	119	11	7	25	9	16	10	11		208	689

WC-4

State Montana Sta. No. Butte 1
Year 1952 Direction Combined
Season August 8-hr. period 6AM-2PM

Number of Vehicles Counted, Percentage and Number Loaded, Percentage and Number Empty, Average Loaded Weight and Average Empty Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percentage loaded	Estimated number loaded	Average loaded weight	Percentage empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	174	68.75	120	5100	31.25	54	4060
Other 2-axle, 4-tired	24	100.00	24	5300	0.00		
Other 2-axle, 6-tired	86	74.00	64	13276	26.00	22	7769
3-axle	5	66.67	3	21450	33.33	2	19700
Subtotal	289	73.01	211	7835	26.99	78	5507
Tr-Tk semi-trailers							
3-axle	9	71.43	6	28900	28.57	3	22550
4-axle	9	66.67	6	43550	33.33	3	23650
5-axle or more	14	84.62	12	58500	15.38	2	31350
Subtotal	32	75.00	24	47363	25.00	8	25162
Tk-Trailer combinations							
4-axle or less	1	100.00	1	63200	0.00		
5-axle	7	100.00	7	70743	0.00		
6-axle or more							
Subtotal	8	100.00	8	69800	0.00		
All combinations	40	80.00	32	52972	20.00	8	25162
All trucks and combs.	329	73.86	243	13779	26.14	86	7335

WC-4

State Montana Sta. No. Butte 1
Year 1952 Direction Combined
Season August 8-hr. period 2PM-10PM

Number of Vehicles Counted, Percentage and Number Loaded, Percentage and Number Empty, Average Loaded Weight and Average Empty Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percentage loaded	Estimated number loaded	Average loaded weight	Percentage empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	182	53.85	98	5500	46.15	84	3717
Other 2-axle, 4-tired	2	50.00	1	6600	50.00	1	4900
Other 2-axle, 6-tired	58	54.17	31	12077	45.83	27	8691
3-axle	4	0.00			100.00	4	13900
Subtotal	246	52.85	130	7534	47.15	116	5236
Tr-Tk semi-trailers							
3-axle	5	100.00	5	27300	0.00		
4-axle	3	33.33	1	38400	66.67	2	26450
5-axle or more	14	71.43	10	53660	28.57	4	30200
Subtotal	22	72.72	16	44468	27.28	6	28950
Tk-Trailer combinations							
4-axle or less							
5-axle	3	0.00			100.00	3	29933
6-axle or more							
Subtotal	3	0.00			100.00	3	29933
All combinations	25	64.00	16	44468	36.00	9	29277
All trucks and combs.	271	53.87	146	11582	46.13	125	6967

WC-4

State Montana Sta. No. Butte 1
Year 1952 Direction Combined
Season August 8-hr. period 10PM-6AM

Number of Vehicles Counted, Percentage and Number Loaded, Percentage and Number Empty, Average Loaded Weight and Average Empty Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percentage loaded	Estimated number loaded	Average loaded weight	Percentage empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	49	25.00	12	3800	75.00	37	4067
Other 2-axle, 4-tired	2	50.00	1	*6600	50.00	1	*4900
Other 2-axle, 6-tired	6	75.00	4	10967	25.00	2	9800
3-axle							
Subtotal	57	29.82	17	5651	70.18	40	4374
Tr-Tk semi-trailers							
3-axle	4	25.00	1	28300	75.00	3	19433
4-axle	4	75.00	3	53767	25.00	1	29800
5-axle or more	15	86.67	13	51509	13.33	2	45900
Subtotal	23	73.91	17	50560	26.09	6	29983
Tk-Trailer combinations							
4-axle or less	1	100.00	1	*63200	0.00		
5-axle	4	0.00			100.00	4	42175
6-axle or more	4	75.00	3	61200	25.00	1	37400
Subtotal	9	44.44	4	61700	55.56	5	41220
All combinations	32	65.63	21	52682	34.37	11	35090
All trucks and combs.	89	42.70	38	31642	57.30	51	10999

*No vehicles of this type weighed - Average weights used are from 6AM-2PM & 2PM-10PM periods.

WC-1

Rockvale

State Montana Sta. No. 2
Year 1952 Direction Combined
Season August

Number of Vehicles of Each Type Weighed and Number Counted
During Each Period of Operation

Vehicle type	Hour - period						Total traffic counted
	6 - 2		2 - 10		10 - 6		
	Mon. Aug. 4		Tues. Aug. 5		Mon. Aug. 11		
	Weighed	Counted	Weighed	Counted	Weighed	Counted	
Single-unit trucks							
Panels and pick-ups	30	93	28	88		12	193
Other 2-axle, 4-tired	5	5	5	10			15
Other 2-axle, 6-tired	50	72	38	49		6	127
3-axle	7	7	2	2			9
Subtotal	92	177	73	149		18	344
Tr-Tk semi-trailers							
3-axle	11	11	20	20		2	33
4-axle	11	12	11	11		5	28
5-axle or more	6	6	6	6		2	14
Subtotal	28	29	37	37		9	75
Tk-Trailer combinations							
4-axle or less	4	4	4	4		1	9
5-axle	2	2	9	10		7	19
6-axle or more							
Subtotal	6	6	13	14		8	28
All combinations	34	35	50	51		17	103
All trucks and combs.	126	212	123	200		35	447
Passenger cars	xxx	797	xxx	794	xxx	212	1803
Busses	xxx	5	xxx	9	xxx	3	17
All vehicle types	xxx	1014	xxx	1003	xxx	250	2267

WC-2

Rockvale

State Montana Sta. No. 2
Year 1952 Direction Combined
Season August 8-hr. period 6AM-2PM

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	60							60	186
Other 2-axle, 4-tired	10							10	10
Other 2-axle, 6-tired	95	2	3					100	144
3-axle	19	2						21	21
Subtotal	184	4	3					191	361
Tr-Tk semi-trailers									
3-axle	24	2	7					33	33
4-axle	33	8	1	2				44	48
5-axle or more	22	8						30	30
Subtotal	79	18	8	2				107	111
Tk-Trailer combinations									
4-axle or less	10	3	1	2				16	16
5-axle	6	2	2					10	10
6-axle or more									
Subtotal	16	5	3	2				26	26
All combinations	95	23	11	4				133	137
All trucks and combs.	279	27	14	4				324	498

WC-2

Rockvale

State Montana Sta. No. 2
Year 1952 Direction Combined
Season August 8-hr. period 2PM-10PM

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	56							56	176
Other 2-axle, 4-tired	10							10	20
Other 2-axle, 6-tired	70	2	3	1				76	98
3-axle	6							6	6
Subtotal	142	2	3	1				148	300
Tr-Tk semi-trailers									
3-axle	50	3	4	3				60	60
4-axle	34	7	3					44	44
5-axle or more	18	12						30	30
Subtotal	102	22	7	3				134	134
Tk-Trailer combinations									
4-axle or less	11	3	1					15	15
5-axle	17	14	12	2				45	50
6-axle or more									
Subtotal	28	17	13	2				60	65
All combinations	130	39	20	5				194	199
All trucks and combs.	272	41	23	6				342	499

WC-2

Rockvale

State Montana Sta. No. 2
Year 1952 Direction Combined
Season August 8-hr. period 6AM-10PM
16 hours

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	116							116	362
Other 2-axle, 4-tired	20							20	30
Other 2-axle, 6-tired	165	4	6	1				176	242
3-axle	25	2						27	27
Subtotal	326	6	6	1				339	661
Tr-Tk semi-trailers									
3-axle	74	5	11	3				93	93
4-axle	67	15	4	2				88	92
5-axle or more	40	20						60	60
Subtotal	181	40	15	5				241	245
Tk-Trailer combinations									
4-axle or less	21	6	2	2				31	31
5-axle	23	16	14	2				55	60
6-axle or more									
Subtotal	44	22	16	4				86	91
All combinations	225	62	31	9				327	336
All trucks and combs.	551	68	37	10				666	997

WC-3

State Montana Sta. No. Rockvale 2
Year 1952 Direction Combined
Season August 8-hr. period 6AM-2PM

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 - 24.9	25.0 - 29.9	30.0 - 39.9	40.0 - 49.9	50.0 - 59.9	60.0 - 69.9	70.0 - 79.9	80.0 - over		
Single-unit trucks											
Panels and pick-ups	30									30	93
Other 2-axle, 4-tired	5									5	5
Other 2-axle, 6-tired	46	4								50	72
3-axle	5	1		1						7	7
Subtotal	86	5		1						92	177
Tr-Tk semi-trailers											
3-axle		5		5	1					11	11
4-axle		3	3	2		3				11	12
5-axle or more				2	1		3			6	6
Subtotal		8	3	9	2	3	3			28	29
Tk-Trailer combinations											
4-axle or less		2				1	1			4	4
5-axle				1				1		2	2
6-axle or more											
Subtotal		2		1		1	1	1		6	6
All combinations		10	3	10	2	4	4	1		34	35
All trucks and combs.	86	15	3	11	2	4	4	1		126	212

WC-3

State Montana Sta. No. Rockvale 2
Year 1952 Direction Combined
Season August 8-hr. period 2PM-10PM

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0-24.9	25.0-29.9	30.0-39.9	40.0-49.9	50.0-59.9	60.0-69.9	70.0-79.9	80.0 over		
Single-unit trucks											
Panels and pick-ups	28									28	88
Other 2-axle, 4-tired	5									5	10
Other 2-axle, 6-tired	33	5								38	49
3-axle	2									2	2
Subtotal	68	5								73	149
Tr-Tk semi-trailers											
3-axle	9	2	2	5	2					20	20
4-axle	4	2			2	3				11	11
5-axle or more				2		1	3			6	6
Subtotal	13	4	2	7	4	4	3			37	37
Tk-Trailer combinations											
4-axle or less	1	1			1	1				4	4
5-axle			1	1			1	5	1	9	10
6-axle or more											
Subtotal	1	1	1	1	1	1	1	5	1	13	14
All combinations	14	5	3	8	5	5	4	5	1	50	51
All trucks and combs.	82	10	3	8	5	5	4	5	1	123	200

WC-3

State Montana Sta. No. Rockvale 2
Year 1952 Direction Combined
Season August 8-hr. period 6AM-10PM 16 hours

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 – 24.9	25.0 – 29.9	30.0 – 39.9	40.0 – 49.9	50.0 – 59.9	60.0 – 69.9	70.0 – 79.9	80.0 – over		
Single-unit trucks											
Panels and pick-ups	58									58	181
Other 2-axle, 4-tired	10									10	15
Other 2-axle, 6-tired	79	9								88	121
3-axle	7	1		1						9	9
Subtotal	154	10		1						165	326
Tr-Tk semi-trailers											
3-axle	9	7	2	10	3					31	31
4-axle	4	5	3	2	2	6				22	23
5-axle or more				4	1	1	6			12	12
Subtotal	13	12	5	16	6	7	6			65	66
Tk-Trailer combinations											
4-axle or less	1	3			1	2	1			8	8
5-axle			1	2			1	6	1	11	12
6-axle or more											
Subtotal	1	3	1	2	1	2	2	6	1	19	20
All combinations	14	15	6	18	7	9	8	6	1	84	86
All trucks and combs.	168	25	6	19	7	9	8	6	1	249	412

WC-4

State Montana Sta. No. Rockvale 2
Year 1952 Direction Combined
Season August 8-hr. period 6AM-2PM

Number of Vehicles Counted, Percentage and Number Loaded, Percentage and Number Empty, Average Loaded Weight and Average Empty Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percentage loaded	Estimated number loaded	Average loaded weight	Percentage empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	93	50.00	47	5547	50.00	46	4113
Other 2-axle, 4-tired	5	40.00	2	6200	60.00	3	5800
Other 2-axle, 6-tired	72	64.00	46	13815	36.00	26	7522
3-axle	7	71.43	5	20020	28.57	2	10550
Subtotal	177	56.50	100	10086	43.50	77	5497
Tr-Tk semi-trailers							
3-axle	11	72.73	8	33288	27.27	3	21200
4-axle	12	36.37	4	50875	63.63	8	27114
5-axle or more	6	83.34	5	54540	16.66	1	32500
Subtotal	29	58.62	17	43676	41.38	12	26084
Tk-Trailer combinations							
4-axle or less	4	50.00	2	57550	50.00	2	23950
5-axle	2	50.00	1	74600	50.00	1	30300
6-axle or more							
Subtotal	6	50.00	3	63233	50.00	3	26066
All combinations	35	57.14	20	46610	42.86	15	26080
All trucks and combs.	212	56.60	120	16173	43.40	92	8853

WC-4

Rockvale
State Montana Sta. No. 2
Year 1952 Direction Combined
Season August 8-hr. period 2PM-10PM

Number of Vehicles Counted, Percentage and Number Loaded, Percentage and Number Empty, Average Loaded Weight and Average Empty Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percentage loaded	Estimated number loaded	Average loaded weight	Percentage empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	88	35.72	31	5230	64.28	57	4061
Other 2-axle, 4-tired	10	80.00	8	5400	20.00	2	4700
Other 2-axle, 6-tired	49	55.26	27	15000	44.74	22	8141
3-axle	2	50.00	1	15200	50.00	1	15500
Subtotal	149	44.97	67	9336	55.03	82	5311
Tr-Tk semi-trailers							
3-axle	20	55.00	11	32564	45.00	9	13911
4-axle	11	45.45	5	50320	54.55	6	18750
5-axle or more	6	66.67	4	63825	33.33	2	34400
Subtotal	37	54.05	20	43255	45.95	17	18029
Tk-Trailer combinations							
4-axle or less	4	75.00	3	37733	25.00	1	22300
5-axle	10	77.78	8	73914	22.22	2	30850
6-axle or more							
Subtotal	14	78.57	11	64046	21.43	3	28000
All combinations	51	60.68	31	50632	39.32	20	19525
All trucks and combs.	200	49.00	98	22399	51.00	102	8098

WC-1

Laurel
State Montana Sta. No. 3
Year 1952 Direction Combined
Season August

Number of Vehicles of Each Type Weighed and Number Counted
During Each Period of Operation

Vehicle type	Hour - period						Total traffic counted
	6 - 2		2 - 10		10 - 6		
	Thurs. Aug. 7		Wed. Aug. 6		Fri. Aug. 9		
	Weighed	Counted	Weighed	Counted	Weighed	Counted	
Single-unit trucks							
Panels and pick-ups	24	108	31	92		13	213
Other 2-axle, 4-tired	3	3	1	4			7
Other 2-axle, 6-tired	53	69	39	44		5	118
3-axle	3	5					5
Subtotal	83	185	71	140		18	343
Tr-Tk semi-trailers							
3-axle	11	12	5	6		2	20
4-axle	6	7	9	9		7	23
5-axle or more	11	11	17	19		32	62
Subtotal	28	30	31	34		41	105
Tk-Trailer combinations							
4-axle or less	2	4	6	6		12	22
5-axle	7	9	21	21		26	56
6-axle or more						5	5
Subtotal	9	13	27	27		43	83
All combinations	37	43	58	61		84	188
All trucks and combs.	120	228	129	201		102	531
Passenger cars	xxx	893	xxx	925	xxx	233	2051
Busses	xxx	10	xxx	4	xxx	6	20
All vehicle types	xxx	1131	xxx	1130	xxx	341	2602

WC-2

State Montana Sta. No. Laurel 3
Year 1952 Direction Combined
Season August 8-hr. period 6AM-2PM

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	48							48	216
Other 2-axle, 4-tired	6							6	6
Other 2-axle, 6-tired	104	2						106	138
3-axle	7	2						9	15
Subtotal	165	4						169	375
Tr-Tk semi-trailers									
3-axle	30	2	1					33	36
4-axle	17		5	2				24	28
5-axle or more	47	8						55	55
Subtotal	94	10	6	2				112	119
Tk-Trailer combinations									
4-axle or less	7	1						8	16
5-axle	27	4	4					35	45
6-axle or more									
Subtotal	34	5	4					43	61
All combinations	128	15	10	2				155	180
All trucks and combs.	293	19	10	2				324	555

WC-2

State Montana Sta. No. Laurel 3
Year 1952 Direction Combined
Season August 8-hr. period 2PM-10PM

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	62							62	184
Other 2-axle, 4-tired	2							2	8
Other 2-axle, 6-tired	76	2						78	88
3-axle									
Subtotal	140	2						142	280
Tr-Tk semi-trailers									
3-axle	14	1						15	18
4-axle	30	4	1	1				36	36
5-axle or more	73	10	2					85	95
Subtotal	117	15	3	1				136	149
Tk-Trailer combinations									
4-axle or less	17	1	3	2				23	23
5-axle	73	15	17					105	105
6-axle or more									
Subtotal	90	16	20	2				128	128
All combinations	207	31	23	3				264	277
All trucks and combs.	347	33	23	3				406	557

WC-2

Laurel

State Montana Sta. No. 3
Year 1952 Direction Combined
Season August 8-hr. period 6AM-10PM
16 hours

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	110							110	400
Other 2-axle, 4-tired	8							8	14
Other 2-axle, 6-tired	180	4						184	226
3-axle	7	2						9	15
Subtotal	305	6						311	655
Tr-Tk semi-trailers									
3-axle	44	3	1					48	54
4-axle	47	4	6	3				60	64
5-axle or more	120	18	2					140	150
Subtotal	211	25	9	3				248	268
Tk-Trailer combinations									
4-axle or less	24	2	3	2				31	39
5-axle	100	19	21					140	150
6-axle or more									
Subtotal	124	21	24	2				171	189
All combinations	335	46	33	5				419	457
All trucks and combs.	640	52	33	5				730	1112

WC-3

State Montana Sta. No. Laurel 3
Year 1952 Direction Combined
Season August 8-hr. period 6AM-2PM

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0-24.9	25.0-29.9	30.0-39.9	40.0-49.9	50.0-59.9	60.0-69.9	70.0-79.9	80.0 over		
Single-unit trucks											
Panels and pick-ups	24									24	108
Other 2-axle, 4-tired	3									3	3
Other 2-axle, 6-tired	51	2								53	69
3-axle	1	1		1						3	5
Subtotal	79	3		1						83	185
Tr-Tk semi-trailers											
3-axle	6	1	1	3						11	12
4-axle		2	1			3				6	7
5-axle or more			1	3	1	4	1	1		11	11
Subtotal	6	3	3	6	1	7	1	1		28	30
Tk-Trailer combinations											
4-axle or less			1		1					2	4
5-axle			1	3	1			2		7	9
6-axle or more											
Subtotal			2	3	2			2		9	13
All combinations	6	3	5	9	3	7	1	3		37	43
All trucks and combs.	85	6	5	10	3	7	1	3		120	228

WC-3

State Montana Sta. No. Laurel 3
Year 1952 Direction Combined
Season August 8-hr. period 2PM-10PM

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 – 24.9	25.0 – 29.9	30.0 – 39.9	40.0 – 49.9	50.0 – 59.9	60.0 – 69.9	70.0 – 79.9	80.0 – over		
Single-unit trucks											
Panels and pick-ups	31									31	92
Other 2-axle, 4-tired	1									1	4
Other 2-axle, 6-tired	39									39	44
3-axle											
Subtotal	71									71	140
Tr-Tk semi-trailers											
3-axle	1	2	1	1						5	6
4-axle	1	2		2	3	1				9	9
5-axle or more				4	2	7	2	2		17	19
Subtotal	2	4	1	7	5	8	2	2		31	34
Tk-Trailer combinations											
4-axle or less		3	1			1	1			6	6
5-axle		1	3	9				8		21	21
6-axle or more											
Subtotal		4	4	9		1	1	8		27	27
All combinations	2	8	5	16	5	9	3	10		58	61
All trucks and combs.	73	8	5	16	5	9	3	10		129	201

WC-3

State Montana Sta. No. 3 (Laurel)
Year 1952 Direction Combined
Season August 8-hr. period 6AM-10PM
16 hours

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 – 24.9	25.0 – 29.9	30.0 – 39.9	40.0 – 49.9	50.0 – 59.9	60.0 – 69.9	70.0 – 79.9	80.0 – over		
Single-unit trucks											
Panels and pick-ups	55									55	200
Other 2-axle, 4-tired	4									4	7
Other 2-axle, 6-tired	90	2								92	113
3-axle	1	1		1						3	5
Subtotal	150	3		1						154	325
Tr-Tk semi-trailers											
3-axle	7	3	2	4						16	18
4-axle	1	4	1	2	3	4				15	16
5-axle or more			1	7	3	11	3	3		28	30
Subtotal	8	7	4	13	6	15	3	3		59	64
Tk-Trailer combinations											
4-axle or less		3	2		1	1	1			8	10
5-axle		1	4	12	1			10		28	30
6-axle or more											
Subtotal		4	6	12	2	1	1	10		36	40
All combinations	8	11	10	25	8	16	4	13		95	104
All trucks and combs.	158	14	10	26	8	16	4	13		249	429

WC-4

Laurel

State Montana Sta. No. 3
Year 1952 Direction Combined
Season August 8-hr. period 6AM-2PM

Number of Vehicles Counted, Percentage and Number Loaded, Percentage and Number Empty, Average Loaded Weight and Average Empty Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percentage loaded	Estimated number loaded	Average loaded weight	Percentage empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	108	62.50	68	4893	37.50	40	3956
Other 2-axle, 4-tired	3	66.67	2	5500	33.33	1	4900
Other 2-axle, 6-tired	69	66.04	46	13054	33.96	23	8006
3-axle	5	66.67	3	31400	33.33	2	13000
Subtotal	185	64.32	119	8726	35.68	66	5656
Tr-Tk semi-trailers							
3-axle	12	54.55	7	28117	45.45	5	14920
4-axle	7	66.67	5	49225	33.33	2	22750
5-axle or more	11	63.64	7	56943	36.36	4	32025
Subtotal	30	63.33	19	44292	36.67	11	22563
Tk-Trailer combinations							
4-axle or less	4	50.00	2	47900	50.00	2	27700
5-axle	9	28.58	3	72800	71.42	6	32600
6-axle or more							
Subtotal	13	38.46	5	62840	61.54	8	31375
All combinations	43	55.81	24	48156	44.19	19	26273
All trucks and combs.	228	62.72	143	15344	37.28	85	10265

WC-4

Laurel

State Montana Sta. No. 3
Year 1952 Direction Combined
Season August 8-hr. period 2PM-10PM

Number of Vehicles Counted, Percentage and Number Loaded, Percentage and Number Empty, Average Loaded Weight and Average Empty Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percentage loaded	Estimated number loaded	Average loaded weight	Percentage empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	92	32.26	30	4800	67.74	62	4114
Other 2-axle, 4-tired	4	100.00	4	9200	0.00		
Other 2-axle, 6-tired	44	41.03	18	13375	58.97	26	7626
3-axle							
Subtotal	140	37.14	52	8107	62.86	88	5152
Tr-Tk semi-trailers							
3-axle	6	60.00	4	27500	40.00	2	18900
4-axle	9	66.67	6	43467	33.33	3	19533
5-axle or more	19	70.59	13	56608	29.41	6	39620
Subtotal	34	67.65	23	48118	32.35	11	30374
Tk-Trailer combinations							
4-axle or less	6	50.00	3	49267	50.00	3	22800
5-axle	21	38.10	8	74050	61.90	13	29831
6-axle or more							
Subtotal	27	40.74	11	67291	59.26	16	28513
All combinations	61	55.75	34	54321	44.25	27	29271
All trucks and combs.	201	42.79	86	26378	57.21	115	10815

WC-1

Miles City

State Montana Sta. No. 4
Year 1952 Direction Combined
Season August

Number of Vehicles of Each Type Weighed and Number Counted
During Each Period of Operation

Vehicle type	Hour - period						Total traffic counted
	6 - 2		2 - 10		10 - 6		
	Mon. Aug. 11		Fri. Aug. 8		Tues. Aug. 2		
	Weighed	Counted	Weighed	Counted	Weighed	Counted	
Single-unit trucks							
Panels and pick-ups	13	88	9	103		11	202
Other 2-axle, 4-tired	4	11	6	6			17
Other 2-axle, 6-tired	54	73	26	59		17	149
3-axle	1	3	1	1		1	5
Subtotal	72	175	42	169		29	373
Tr-Tk semi-trailers							
3-axle	15	16	13	14		6	36
4-axle	17	17	10	10		22	49
5-axle or more	8	9	14	14		13	36
Subtotal	40	42	37	38		41	121
Tk-Trailer combinations							
4-axle or less	9	9	9	10		17	36
5-axle	10	12	14	15		17	44
6-axle or more	5	5	7	7		3	15
Subtotal	24	26	30	32		37	95
All combinations	64	68	67	70		78	216
All trucks and combs.	136	243	109	239		107	589
Passenger cars	xxx	1013	xxx	1543	xxx	505	3061
Busses	xxx	4	xxx	7	xxx	6	17
All vehicle types	xxx	1260	xxx	1789	xxx	618	3667

WC-2

State Montana Sta. No. Miles City 4
Year 1952 Direction Combined
Season August 8-hr. period 6AM-2PM

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	26							26	176
Other 2-axle, 4-tired	8							8	22
Other 2-axle, 6-tired	98	7	3					108	146
3-axle	3							3	9
Subtotal	135	7	3					145	353
Tr-Tk semi-trailers									
3-axle	36	6	1	2				45	48
4-axle	38	14	10	6				68	68
5-axle or more	34	4	2					40	45
Subtotal	108	24	13	8				153	161
Tk-Trailer combinations									
4-axle or less	21	2	11	2				36	36
5-axle	34	8	7	1				50	60
6-axle or more	28	2						30	30
Subtotal	83	12	18	3				116	126
All combinations	191	36	31	11				269	287
All trucks and combs.	326	43	34	11				414	640

WC-2

Miles City

State Montana Sta. No. 4
Year 1952 Direction Combined
Season August 8-hr. period 2PM-10PM

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	18							18	206
Other 2-axle, 4-tired	12							12	12
Other 2-axle, 6-tired	49		3					52	118
3-axle	3							3	3
Subtotal	82		3					85	339
Tr-Tk semi-trailers									
3-axle	35	2	2					39	42
4-axle	20	14	4	2				40	40
5-axle or more	60	10						70	70
Subtotal	115	26	6	2				149	152
Tk-Trailer combinations									
4-axle or less	36							36	40
5-axle	66	2	2					70	75
6-axle or more	39	2	1					42	42
Subtotal	141	4	3					148	157
All combinations	256	30	9	2				297	309
All trucks and combs.	338	30	12	2				382	648

WC-2

Miles City

State Montana Sta. No. 4
Year 1952 Direction Combined
Season August 8-hr. period 6AM-10PM
16 hours

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	44							44	382
Other 2-axle, 4-tired	20							20	34
Other 2-axle, 6-tired	147	7	6					160	264
3-axle	6							6	12
Subtotal	217	7	6					230	692
Tr-Tk semi-trailers									
3-axle	71	8	3	2				84	100
4-axle	58	28	14	8				108	108
5-axle or more	94	14	2					110	115
Subtotal	223	50	19	10				302	313
Tk-Trailer combinations									
4-axle or less	57	2	11	2				72	76
5-axle	100	10	9	1				120	135
6-axle or more	67	4	1					72	72
Subtotal	224	16	21	3				264	283
All combinations	447	66	40	13				566	596
All trucks and combs.	664	73	46	13				796	1288

WC-3

Miles City

State Montana Sta. No. 4
Year 1952 Direction Combined
Season August 8-hr. period 6AM-2PM

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 - 24.9	25.0 - 29.9	30.0 - 39.9	40.0 - 49.9	50.0 - 59.9	60.0 - 69.9	70.0 - 79.9	80.0 - over		
Single-unit trucks											
Panels and pick-ups	13									13	88
Other 2-axle, 4-tired	4									4	11
Other 2-axle, 6-tired	51	3								54	73
3-axle	1									1	3
Subtotal	69	3								72	175
Tr-Tk semi-trailers											
3-axle	2		4	8	1					15	16
4-axle		3		1	3	10				17	17
5-axle or more				2	1	3	2			8	9
Subtotal	2	3	4	11	5	13	2			40	42
Tk-Trailer combinations											
4-axle or less		2	2			2	3			9	9
5-axle			4	2				4		10	12
6-axle or more				2		1	2			5	5
Subtotal		2	6	4		3	5	4		24	26
All combinations	2	5	10	15	5	16	7	4		64	68
All trucks and combs.	71	8	10	15	5	16	7	4		136	243

WC-3

Miles City

State Montana Sta. No. 4
Year 1952 Direction Combined
Season August 8-hr. period 2PM-10PM

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 - 24.9	25.0 - 29.9	30.0 - 39.9	40.0 - 49.9	50.0 - 59.9	60.0 - 69.9	70.0 - 79.9	80.0 over		
Single-unit trucks											
Panels and pick-ups	9									9	103
Other 2-axle, 4-tired	6									6	6
Other 2-axle, 6-tired	23	3								26	59
3-axle	1									1	1
Subtotal	39	3								42	169
Tr-Tk semi-trailers											
3-axle	4	3	2	3	1					13	14
4-axle		2			1	7				10	10
5-axle or more			2	5	2	1	4			14	14
Subtotal	4	5	4	8	4	8	4			37	38
Tk-Trailer combinations											
4-axle or less		7	2							9	10
5-axle		3	9	1				1		14	15
6-axle or more							7			7	7
Subtotal		10	11	1			7	1		30	32
All combinations	4	15	15	9	4	8	11	1		67	70
All trucks and combs.	43	18	15	9	4	8	11	1		109	239

WC-3

Miles City

State Montana Sta. No. 4
Year 1952 Direction Combined
Season August 8-hr. period 6AM-10PM
16 hours

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 – 24.9	25.0 – 29.9	30.0 – 39.9	40.0 – 49.9	50.0 – 59.9	60.0 – 69.9	70.0 – 79.9	80.0 – over		
Single-unit trucks											
Panels and pick-ups	22									22	191
Other 2-axle, 4-tired	10									10	17
Other 2-axle, 6-tired	74	6								80	132
3-axle	2									2	4
Subtotal	108	6								114	344
Tr-Tk semi-trailers											
3-axle	6	3	6	11	2					28	30
4-axle		5		1	4	17				27	27
5-axle or more			2	7	3	4	6			22	23
Subtotal	6	8	8	19	9	21	6			77	80
Tk-Trailer combinations											
4-axle or less		9	4			2	3			18	19
5-axle		3	13	3				5		24	27
6-axle or more				2		1	9			12	12
Subtotal		12	17	5		3	12	5		54	58
All combinations	6	20	25	24	9	24	18	5		131	138
All trucks and combs.	114	26	25	24	9	24	18	5		245	482

WC-4

Miles City

State Montana Sta. No. 4
Year 1952 Direction Combined
Season August 8-hr. period 6AM-2PM

Number of Vehicles Counted, Percentage and Number Loaded, Percentage and Number Empty, Average Loaded Weight and Average Empty Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percentage loaded	Estimated number loaded	Average loaded weight	Percentage empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	88	61.54	54	5400	38.46	34	4040
Other 2-axle, 4-tired	11	50.00	6	7550	50.00	5	5500
Other 2-axle, 6-tired	73	61.11	45	15391	38.89	28	8290
3-axle	3	0.00			100.00	3	14300
Subtotal	175	60.00	105	9805	40.00	70	6284
Tr-Tk semi-trailers							
3-axle	16	86.67	14	31777	13.33	2	15750
4-axle	17	82.35	14	52429	17.65	3	22267
5-axle or more	9	87.50	8	53400	12.50	1	33800
Subtotal	42	85.71	36	44613	14.29	6	22017
Tk-Trailer combinations							
4-axle or less	9	55.56	5	59800	44.44	4	25525
5-axle	12	40.00	5	73450	60.00	7	29850
6-axle or more	5	60.00	3	63100	40.00	2	31950
Subtotal	26	50.00	13	65812	50.00	13	28842
All combinations	68	72.06	49	50237	27.94	19	26687
All trucks and combs.	243	63.37	154	22670	36.63	89	10640

WC-4

Miles City

State Montana Sta. No. 4
Year 1952 Direction Combined
Season August 8-hr. period 2PM-10PM

Number of Vehicles Counted, Percentage and Number Loaded, Percentage and Number Empty, Average Loaded Weight and Average Empty Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percentage loaded	Estimated number loaded	Average loaded weight	Percentage empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	103	33.33	34	4667	66.67	69	4417
Other 2-axle, 4-tired	6	83.33	5	6720	16.67	1	5100
Other 2-axle, 6-tired	59	80.77	48	12943	19.23	11	8560
3-axle	1	100.00	1	19700	0.00		
Subtotal	169	52.07	88	9469	47.93	81	4988
Tr-Tk semi-trailers							
3-axle	14	61.54	9	30538	38.46	5	19000
4-axle	10	80.00	8	53525	20.00	2	24500
5-axle or more	14	50.00	7	57357	50.00	7	32843
Subtotal	38	63.16	24	46023	36.84	14	26707
Tk-Trailer combinations							
4-axle or less	10	0.00			100.00	10	25122
5-axle	15	7.14	1	72700	92.86	14	27977
6-axle or more	7	100.00	7	64914	0.00		
Subtotal	32	25.00	8	65887	75.00	24	26787
All combinations	70	45.71	32	50989	54.29	38	26758
All trucks and combs.	239	50.21	120	20541	49.79	119	11940

WC-1

Culbertson

State Montana Sta. No. 5
Year 1952 Direction Combined
Season August

Number of Vehicles of Each Type Weighed and Number Counted
During Each Period of Operation

Vehicle type	Hour - period						Total traffic counted
	6 - 2		2 - 10		10 - 6		
	Wed. Aug. 13		Tues. Aug. 12		Wed. Aug. 13		
	Weighed	Counted	Weighed	Counted	Weighed	Counted	
Single-unit trucks							
Panels and pick-ups	24	37	18	46		7	90
Other 2-axle, 4-tired	3	4		3			7
Other 2-axle, 6-tired	40	45	52	55		2	102
3-axle			2	2			2
Subtotal	67	86	72	106		9	201
Tr-Tk semi-trailers							
3-axle	12	12	15	15		2	29
4-axle	7	7	5	5		1	13
5-axle or more	3	3	6	6		1	10
Subtotal	22	22	26	26		4	52
Tk-Trailer combinations							
4-axle or less	2	2	2	2			4
5-axle	6	6					6
6-axle or more							
Subtotal	8	8	2	2			10
All combinations	30	30	28	28		4	62
All trucks and combs.	97	116	100	134		13	263
Passenger cars	xxx	469	xxx	528	xxx	65	1062
Busses	xxx	2	xxx	1	xxx	2	5
All vehicle types	xxx	587	xxx	663	xxx	80	1330

WC-2

Culbertson

State Montana Sta. No. 5
Year 1952 Direction Combined
Season August 8-hr. period 6AM-2PM

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	48							48	74
Other 2-axle, 4-tired	6							6	8
Other 2-axle, 6-tired	76	2		2				80	90
3-axle									
Subtotal	130	2		2				134	172
Tr-Tk semi-trailers									
3-axle	26	5	4	1				36	36
4-axle	17	9	2					28	28
5-axle or more	9	4	2					15	15
Subtotal	52	18	8	1				79	79
Tk-Trailer combinations									
4-axle or less	2		6					8	8
5-axle	10	12	7	1				30	30
6-axle or more									
Subtotal	12	12	13	1				38	38
All combinations	64	30	21	2				117	117
All trucks and combs.	194	32	21	4				251	289

WC-2

Culbertson

State Montana Sta. No. 5
Year 1952 Direction Combined
Season August 8-hr. period 2PM-10PM

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	36							36	92
Other 2-axle, 4-tired									6
Other 2-axle, 6-tired	98	6						104	110
3-axle	6							6	6
Subtotal	140	6						146	214
Tr-Tk semi-trailers									
3-axle	38	4	1	1	1			45	45
4-axle	10	6	1	2	1			20	20
5-axle or more	30							30	30
Subtotal	78	10	2	3	2			95	95
Tk-Trailer combinations									
4-axle or less	5	1	2					8	8
5-axle									
6-axle or more									
Subtotal	5	1	2					8	8
All combinations	83	11	4	3	2			103	103
All trucks and combs.	223	17	4	3	2			249	317

WC-2

Culbertson

State Montana Sta. No. 5
Year 1952 Direction Combined
Season August 8-hr. period 6AM-10PM
16 hours

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	84							84	166
Other 2-axle, 4-tired	6							6	14
Other 2-axle, 6-tired	174	8	2					184	200
3-axle	6							6	6
Subtotal	270	8	2					280	386
Tr-Tk semi-trailers									
3-axle	64	9	5	2	1			81	81
4-axle	27	15	3	2	1			48	48
5-axle or more	39	4	2					45	45
Subtotal	130	28	10	4	2			174	174
Tk-Trailer combinations									
4-axle or less	7	1	8					16	16
5-axle	10	12	7	1				30	30
6-axle or more									
Subtotal	17	13	15	1				46	46
All combinations	147	41	25	5	2			220	220
All trucks and combs.	417	49	25	7	2			500	606

WC-3

Culbertson

State Montana Sta. No. 5
Year 1952 Direction Combined
Season August 8-hr. period 6AM-2PM

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 – 24.9	25.0 – 29.9	30.0 – 39.9	40.0 – 49.9	50.0 – 59.9	60.0 – 69.9	70.0 – 79.9	80.0 – over		
Single-unit trucks											
Panels and pick-ups	24									24	37
Other 2-axle, 4-tired	3									3	4
Other 2-axle, 6-tired	38	1	1							40	45
3-axle											
Subtotal	65	1	1							67	86
Tr-Tk semi-trailers											
3-axle	1		2	8	1					12	12
4-axle				1	4	2				7	7
5-axle or more					1		1	1		3	3
Subtotal	1		2	9	6	2	1	1		22	22
Tk-Trailer combinations											
4-axle or less							2			2	2
5-axle			1				1	4		6	6
6-axle or more											
Subtotal			1				3	4		8	8
All combinations	1		3	9	6	2	4	5		30	30
All trucks and combs.	66	1	4	9	6	2	4	5		97	116

WC-3

Culbertson

State Montana Sta. No. 5
Year 1952 Direction Combined
Season August 8-hr. period 2PM-10PM

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 - 24.9	25.0 - 29.9	30.0 - 39.9	40.0 - 49.9	50.0 - 59.9	60.0 - 69.9	70.0 - 79.9	80.0 over		
Single-unit trucks											
Panels and pick-ups	18									18	46
Other 2-axle, 4-tired											3
Other 2-axle, 6-tired	51	1								52	55
3-axle	1	1								2	2
Subtotal	70	2								72	106
Tr-Tk semi-trailers											
3-axle	4	4	3	3	1					15	15
4-axle		1			1	3				5	5
5-axle or more			1	3	2					6	6
Subtotal	4	5	4	6	4	3				26	26
Tk-Trailer combinations											
4-axle or less				1		1				2	2
5-axle											
6-axle or more											
Subtotal				1		1				2	2
All combinations	4	5	4	7	4	4				28	28
All trucks and combs.	74	7	4	7	4	4				100	134

WC-3

Culbertson

State Montana Sta. No. 5
Year 1952 Direction Combined
Season August 8-hr. period 6AM-10PM
16 hours

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 - 24.9	25.0 - 29.9	30.0 - 39.9	40.0 - 49.9	50.0 - 59.9	60.0 - 69.9	70.0 - 79.9	80.0 - over		
Single-unit trucks											
Panels and pick-ups	42									42	83
Other 2-axle, 4-tired	3									3	7
Other 2-axle, 6-tired	89	2	1							92	100
3-axle	1	1								2	2
Subtotal	135	3	1							139	192
Tr-Tk semi-trailers											
3-axle	5	4	5	11	2					27	27
4-axle		1		1	5	5				12	12
5-axle or more			1	3	3		1	1		9	9
Subtotal	5	5	6	15	10	5	1	1		48	48
Tk-Trailer combinations											
4-axle or less				1		1	2			4	4
5-axle			1				1	4		6	6
6-axle or more											
Subtotal			1	1		1	3	4		10	10
All combinations	5	5	7	16	10	6	4	5		58	58
All trucks and combs.	140	8	8	16	10	6	4	5		197	250

WC-4

Culbertson

State Montana Sta. No. 5
Year 1952 Direction Combined
Season August 8-hr. period 6AM-2PM

Number of Vehicles Counted, Percentage and Number Loaded, Percentage and Number Empty, Average Loaded Weight and Average Empty Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percentage loaded	Estimated number loaded	Average loaded weight	Percentage empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	37	54.17	20	6900	45.83	17	4318
Other 2-axle, 4-tired	4	66.67	3	6150	33.33	1	3500
Other 2-axle, 6-tired	45	65.00	29	14588	35.00	16	6729
3-axle							
Subtotal	86	60.47	52	11144	39.53	34	5429
Tr-Tk semi-trailers							
3-axle	12	91.67	11	32945	8.33	1	18700
4-axle	7	85.71	6	47217	14.29	1	34700
5-axle or more	3	100.00	3	60633	0.00		
Subtotal	22	90.91	20	41380	9.09	2	26700
Tk-Trailer combinations							
4-axle or less	2	100.00	2	62950	0.00		
5-axle	6	83.33	4	73480	16.67	2	27000
6-axle or more							
Subtotal	8	75.00	6	69970	25.00	2	27000
All combinations	30	86.67	26	47978	13.33	4	26850
All trucks and combs.	116	67.24	78	23422	32.76	38	7684

WC-4

Culbertson

State Montana Sta. No. 5
Year 1952 Direction Combined
Season August 8-hr. period 2PM-10PM

Number of Vehicles Counted, Percentage and Number Loaded, Percentage and Number Empty, Average Loaded Weight and Average Empty Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percentage loaded	Estimated number loaded	Average loaded weight	Percentage empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	46	61.11	28	7282	38.89	18	5600
Other 2-axle, 4-tired	3	66.67	2	*6150	33.33	1	*3500
Other 2-axle, 6-tired	55	46.15	25	15221	53.85	30	9511
3-axle	2	50.00	1	25700	50.00	1	18600
Subtotal	106	52.83	56	11114	47.17	50	8165
Tr-Tk semi-trailers							
3-axle	15	60.00	9	30289	40.00	6	20950
4-axle	5	80.00	4	53125	20.00	1	20500
5-axle or more	6	50.00	3	39267	50.00	3	33867
Subtotal	26	61.54	16	37681	38.46	10	24780
Tk-Trailer combinations							
4-axle or less	2	100.00	2	42450	0.00		
5-axle							
6-axle or more							
Subtotal	2	100.00	2	42450	0.00		
All combinations	28	64.29	18	38211	35.71	10	24780
All trucks and combs.	134	55.22	74	17705	44.78	60	9334

* No vehicles of this type weighed - Average weights used are from 6AM-2PM period.

WC-1

Glasgow

State Montana Sta. No. 6
Year 1952 Direction Combined
Season August

Number of Vehicles of Each Type Weighed and Number Counted During Each Period of Operation

Vehicle type	Hour - period						Total traffic counted
	6 - 2		2 - 10		10 - 6		
	Fri. Aug. 15		Thurs. Aug. 14		Thurs. Aug. 14		
	Weighed	Counted	Weighed	Counted	Weighed	Counted	
Single-unit trucks							
Panels and pick-ups	12	132	22	113		19	264
Other 2-axle, 4-tired	8	11	8	16			27
Other 2-axle, 6-tired	70	84	62	62		6	152
3-axle	2	2	1	1			3
Subtotal	92	229	93	192		25	446
Tr-Tk semi-trailers							
3-axle	7	8	4	4		4	16
4-axle	4	4	2	2		3	9
5-axle or more	4	4	4	4		3	11
Subtotal	15	16	10	10		10	36
Tk-Trailer combinations							
4-axle or less	5	5	2	3		1	9
5-axle	4	4	1	2			6
6-axle or more							
Subtotal	9	9	3	5		1	15
All combinations	24	25	13	15		11	51
All trucks and combs.	116	254	106	207		36	497
Passenger cars	xxx	747	xxx	863	xxx	218	1828
Busses	xxx		xxx	2	xxx	3	5
All vehicle types	xxx	1001	xxx	1072	xxx	257	2330

WC-2

State Montana Sta. No. Glasgow 6
Year 1952 Direction Combined
Season August 8-hr. period 6AM-2PM

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	24							24	264
Other 2-axle, 4-tired	16							16	22
Other 2-axle, 6-tired	122	6	9	3				140	168
3-axle	6							6	6
Subtotal	168	6	9	3				186	460
Tr-Tk semi-trailers									
3-axle	21							21	24
4-axle	12	3		1				16	16
5-axle or more	15	5						20	20
Subtotal	48	8		1				57	60
Tk-Trailer combinations									
4-axle or less	11	2	3	3	1			20	20
5-axle	12	2	4	2				20	20
6-axle or more									
Subtotal	23	4	7	5	1			40	40
All combinations	71	12	7	6	1			97	100
All trucks and combs.	239	18	16	9	1			283	560

WC-2

State Montana Sta. No. Glasgow 6
Year 1952 Direction Combined
Season August 8-hr. period 2PM-10PM

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	44							44	226
Other 2-axle, 4-tired	16							16	32
Other 2-axle, 6-tired	105	5	8	4	1	1		124	124
3-axle	3							3	3
Subtotal	168	5	8	4	1	1		187	385
Tr-Tk semi-trailers									
3-axle	10	1			1			12	12
4-axle	7		1					8	8
5-axle or more	20							20	20
Subtotal	37	1	1		1			40	40
Tk-Trailer combinations									
4-axle or less	5		1	2				8	12
5-axle	5							5	10
6-axle or more									
Subtotal	10		1	2				13	22
All combinations	47	1	2	2	1			53	62
All trucks and combs.	215	6	10	6	2	1		240	447

WC-2

State Montana Sta. No. Glasgow 6
Year 1952 Direction Combined
Season August 8-hr. period 6AM-10PM 16 hours

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	68							68	490
Other 2-axle, 4-tired	32							32	54
Other 2-axle, 6-tired	227	11	17	7	1	1		264	292
3-axle	9							9	9
Subtotal	336	11	17	7	1	1		373	845
Tr-Tk semi-trailers									
3-axle	31	1			1			33	36
4-axle	19	3	1	1				24	24
5-axle or more	35	5						40	40
Subtotal	85	9	1	1	1			97	100
Tk-Trailer combinations									
4-axle or less	16	2	4	5	1			28	32
5-axle	17	2	4	2				25	30
6-axle or more									
Subtotal	33	4	8	7	1			53	62
All combinations	118	13	9	8	2			150	162
All trucks and combs.	454	24	26	15	3	1		523	1007

WC-3

State Montana Sta. No. Glasgow 6
Year 1952 Direction Combined
Season August 8-hr. period 6AM-2PM

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 – 24.9	25.0 – 29.9	30.0 – 39.9	40.0 – 49.9	50.0 – 59.9	60.0 – 69.9	70.0 – 79.9	80.0 – over		
Single-unit trucks											
Panels and pick-ups	12									12	132
Other 2-axle, 4-tired	8									8	11
Other 2-axle, 6-tired	56	14								70	84
3-axle	1	1								2	2
Subtotal	77	15								92	229
Tr-Tk semi-trailers											
3-axle	4	2	1							7	8
4-axle	1	1		1		1				4	4
5-axle or more				1	1	1	1			4	4
Subtotal	5	3	1	2	1	2	1			15	16
Tk-Trailer combinations											
4-axle or less			2			1	1	1		5	5
5-axle			1	1				2		4	4
6-axle or more											
Subtotal			3	1		1	1	3		9	9
All combinations	5	3	4	3	1	3	2	3		24	25
All trucks and combs.	82	18	4	3	1	3	2	3		116	254

WC-3

State Montana Sta. No. Glasgow 6
Year 1952 Direction Combined
Season August 8-hr. period 2PM-10PM

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0-24.9	25.0-29.9	30.0-39.9	40.0-49.9	50.0-59.9	60.0-69.9	70.0-79.9	80.0 over		
Single-unit trucks											
Panels and pick-ups	22									22	113
Other 2-axle, 4-tired	8									8	16
Other 2-axle, 6-tired	46	14	2							62	62
3-axle	1									1	1
Subtotal	77	14	2							93	192
Tr-Tk semi-trailers											
3-axle	1		1	2						4	4
4-axle					2					2	2
5-axle or more				3	1					4	4
Subtotal	1		1	5	3					10	10
Tk-Trailer combinations											
4-axle or less			1				1			2	3
5-axle		1								1	2
6-axle or more											
Subtotal		1	1				1			3	5
All combinations	1	1	2	5	3		1			13	15
All trucks and combs.	78	15	4	5	3		1			106	207

WC-3

State Montana Sta. No. Glasgow 6
Year 1952 Direction Combined
Season August 8-hr. period 6AM-10PM 16 hours

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 – 24.9	25.0 – 29.9	30.0 – 39.9	40.0 – 49.9	50.0 – 59.9	60.0 – 69.9	70.0 – 79.9	80.0 over		
Single-unit trucks											
Panels and pick-ups	34									34	245
Other 2-axle, 4-tired	16									16	27
Other 2-axle, 6-tired	102	28	2							132	146
3-axle	2	1								3	3
Subtotal	154	29	2							185	421
Tr-Tk semi-trailers											
3-axle	5	2	2	2						11	12
4-axle	1	1		1	2	1				6	6
5-axle or more				4	2	1	1			8	8
Subtotal	6	3	2	7	4	2	1			25	26
Tk-Trailer combinations											
4-axle or less			3			1	2	1		7	8
5-axle		1	1	1				2		5	6
6-axle or more											
Subtotal		1	4	1		1	2	3		12	14
All combinations	6	4	6	8	4	3	3	3		37	40
All trucks and combs.	160	33	8	8	4	3	3	3		222	461

WC-4

State Montana Sta. No. Glasgow 6
Year 1952 Direction Combined
Season August 8-hr. period 6AM-2PM

Number of Vehicles Counted, Percentage and Number Loaded, Percentage and Number Empty, Average Loaded Weight and Average Empty Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percentage loaded	Estimated number loaded	Average loaded weight	Percentage empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	132	66.67	88	5550	33.33	44	4175
Other 2-axle, 4-tired	11	50.00	5	6650	50.00	6	5875
Other 2-axle, 6-tired	84	58.57	49	16934	41.43	35	8266
3-axle	2	50.00	1	21600	50.00	1	13000
Subtotal	229	62.45	143	9602	37.55	86	6061
Tr-Tk semi-trailers							
3-axle	8	42.86	3	22900	57.14	5	17350
4-axle	4	50.00	2	47050	50.00	2	20600
5-axle or more	4	100.00	4	51775			
Subtotal	16	56.25	9	41100	43.75	7	18279
Tk-Trailer combinations							
4-axle or less	5	60.00	3	63767	40.00	2	27000
5-axle	4	50.00	2	77000	50.00	2	31500
6-axle or more							
Subtotal	9	55.56	5	69060	44.44	4	29250
All combinations	25	56.00	14	51086	44.00	11	22268
All trucks and combs.	254	61.81	157	13301	38.19	97	7899

WC-4

State Montana Sta. No. Glasgow 6
Year 1952 Direction Combined
Season August 8-hr. period 2PM-10PM

Number of Vehicles Counted, Percentage and Number Loaded, Percentage and Number Empty, Average Loaded Weight and Average Empty Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percentage loaded	Estimated number loaded	Average loaded weight	Percentage empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	113	54.55	62	5692	45.45	51	4190
Other 2-axle, 4-tired	16	37.50	6	6767	62.50	10	4940
Other 2-axle, 6-tired	62	59.68	37	18895	40.32	25	8292
3-axle	1	0.00			100.00	1	12500
Subtotal	192	54.69	105	10406	45.31	87	5550
Tr-Tk semi-trailers							
3-axle	4	75.00	3	33033	25.00	1	14400
4-axle	2	100.00	2	40700	0.00		
5-axle or more	4	25.00	1	44300	75.00	3	33333
Subtotal	10	60.00	6	37467	40.00	4	28600
Tk-Trailer combinations							
4-axle or less	3	50.00	2	65700	50.00	1	27000
5-axle	2	0.00			100.00	2	25100
6-axle or more							
Subtotal	5	40.00	2	65700	60.00	3	25733
All combinations	15	53.33	8	44525	46.67	7	27371
All trucks and combs.	207	54.59	113	12821	45.41	94	7175

WC-1

Great Falls

State Montana Sta. No. 7
Year 1952 Direction Combined
Season August

Number of Vehicles of Each Type Weighed and Number Counted
During Each Period of Operation

Vehicle type	Hour - period						Total traffic counted
	6 - 2		2 - 10		10 - 6		
	Wed. Aug. 20		Tues. Aug. 19		Mon. Aug. 18		
	Weighed	Counted	Weighed	Counted	Weighed	Counted	
Single-unit trucks							
Panels and pick-ups	61	135	36	119	7	17	271
Other 2-axle, 4-tired	8	32	3	25	1	2	59
Other 2-axle, 6-tired	139	149	71	96	10	11	256
3-axle	3	3	6	7	1	1	11
Subtotal	211	319	116	247	19	31	597
Tr-Tk semi-trailers							
3-axle	5	5	6	6	1	2	13
4-axle	9	9	6	7	7	7	23
5-axle or more	11	11	8	8	6	6	25
Subtotal	25	25	20	21	14	15	61
Tk-Trailer combinations							
4-axle or less	2	2		1			3
5-axle	8	10	12	14	15	15	39
6-axle or more	2	2	1	3	4	4	9
Subtotal	12	14	13	18	19	19	51
All combinations	37	39	33	39	33	34	112
All trucks and combs.	248	358	149	286	52	65	709
Passenger cars	xxx	963	xxx	1133	xxx	189	2285
Busses	xxx	8	xxx	3	xxx		11
All vehicle types	xxx	1329	xxx	1422	xxx	254	3005

WC-2

Great Falls

State Montana Sta. No. 7
Year 1952 Direction Combined
Season August 8-hr. period 6AM-2PM

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	122							122	270
Other 2-axle, 4-tired	16							16	64
Other 2-axle, 6-tired	243	10	20	5				278	298
3-axle	8	1						9	9
Subtotal	389	11	20	5				425	641
Tr-Tk semi-trailers									
3-axle	11	1	3					15	15
4-axle	28	3	2	3				36	36
5-axle or more	49	5	1					55	55
Subtotal	88	9	6	3				106	106
Tk-Trailer combinations									
4-axle or less	5		3					8	8
5-axle	14	12	14					40	50
6-axle or more	10	2						12	12
Subtotal	29	14	17					60	70
All combinations	117	23	23	3				166	176
All trucks and combs.	506	34	43	8				591	817

WC-2

Great Falls
State Montana Sta. No. 7
Year 1952 Direction Combined
Season August 8-hr. period 2PM-10PM

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	72							72	238
Other 2-axle, 4-tired	6							6	50
Other 2-axle, 6-tired	131	4	5	1	1			142	192
3-axle	14	2	2					18	21
Subtotal	223	6	7	1	1			238	501
Tr-Tk semi-trailers									
3-axle	17	1						18	18
4-axle	23					1		24	28
5-axle or more	39	1						40	40
Subtotal	79	2				1		82	86
Tk-Trailer combinations									
4-axle or less									4
5-axle	41	9	6	4				60	70
6-axle or more	6							6	18
Subtotal	47	9	6	4				66	92
All combinations	126	11	6	4		1		148	178
All trucks and combs.	349	17	13	5	1	1		386	679

WC-2

Great Falls

State Montana Sta. No. 7
Year 1952 Direction Combined
Season August 8-hr. period 10PM-6AM

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	14							14	34
Other 2-axle, 4-tired	2							2	4
Other 2-axle, 6-tired	20							20	22
3-axle	3							3	3
Subtotal	39							39	63
Tr-Tk semi-trailers									
3-axle	1		1		1			3	6
4-axle	25	1	2					28	28
5-axle or more	30							30	30
Subtotal	56	1	3		1			61	64
Tk-Trailer combinations									
4-axle or less									
5-axle	37	18	17	3				75	75
6-axle or more	24							24	24
Subtotal	61	18	17	3				99	99
All combinations	117	19	20	3	1			160	163
All trucks and combs.	156	19	20	3	1			199	226

WC-2

Great Falls

State Montana Sta. No. 7
Year 1952 Direction Combined
Season August 8-hr. period 6AM-6AM
24 hours

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	208							208	542
Other 2-axle, 4-tired	24							24	118
Other 2-axle, 6-tired	394	14	25	6	1			440	512
3-axle	25	3	2					30	33
Subtotal	651	17	27	6	1			702	1205
Tr-Tk semi-trailers									
3-axle	29	2	4		1			36	39
4-axle	76	4	4	3		1		88	92
5-axle or more	118	6	1					125	125
Subtotal	223	12	9	3	1	1		249	256
Tk-Trailer combinations									
4-axle or less	5		3					8	12
5-axle	92	39	37	7				175	195
6-axle or more	40	2						42	54
Subtotal	137	41	40	7				225	261
All combinations	360	53	49	10	1	1		474	517
All trucks and combs.	1011	70	76	16	2	1		1176	1722

WC-3

Great Falls
State Montana Sta. No. 7
Year 1952 Direction Combined
Season August 8-hr. period 6AM-2PM

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 - 24.9	25.0 - 29.9	30.0 - 39.9	40.0 - 49.9	50.0 - 59.9	60.0 - 69.9	70.0 - 79.9	80.0 - over		
Single-unit trucks											
Panels and pick-ups	61									61	135
Other 2-axle, 4-tired	8									8	32
Other 2-axle, 6-tired	111	27	1							139	149
3-axle	1			2						3	3
Subtotal	181	27	1	2						211	319
Tr-Tk semi-trailers											
3-axle	1		1	2	1					5	5
4-axle		2		3	1	3				9	9
5-axle or more			2	2		6	1			11	11
Subtotal	1	2	3	7	2	9	1			25	25
Tk-Trailer combinations											
4-axle or less				1			1			2	2
5-axle				1				7		8	10
6-axle or more							1	1		2	2
Subtotal				2			2	8		12	14
All combinations	1	2	3	9	2	9	3	8		37	39
All trucks and combs.	182	29	4	11	2	9	3	8		248	358

WC-3

Great Falls

State Montana Sta. No. 7
Year 1952 Direction Combined
Season August 8-hr. period 2PM-10PM

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 – 24.9	25.0 – 29.9	30.0 – 39.9	40.0 – 49.9	50.0 – 59.9	60.0 – 69.9	70.0 – 79.9	80.0 over		
Single-unit trucks											
Panels and pick-ups	36									36	119
Other 2-axle, 4-tired	3									3	25
Other 2-axle, 6-tired	60	10	1							71	96
3-axle	3	1		2						6	7
Subtotal	102	11	1	2						116	247
Tr-Tk semi-trailers											
3-axle	3	2		1						6	6
4-axle		4		1		1				6	7
5-axle or more			3	4	1					8	8
Subtotal	3	6	3	6	1	1				20	21
Tk-Trailer combinations											
4-axle or less											1
5-axle			5	2				5		12	14
6-axle or more				1						1	3
Subtotal			5	3				5		13	18
All combinations	3	6	8	9	1	1		5		33	39
All trucks and combs.	105	17	9	11	1	1		5		149	286

WC-3

State Montana Sta. No. Great Falls 7
Year 1952 Direction Combined
Season August 8-hr. period 10PM-6AM

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 – 24.9	25.0 – 29.9	30.0 – 39.9	40.0 – 49.9	50.0 – 59.9	60.0 – 69.9	70.0 – 79.9	80.0 over		
Single-unit trucks											
Panels and pick-ups	7									7	17
Other 2-axle, 4-tired	1									1	2
Other 2-axle, 6-tired	10									10	11
3-axle	1									1	1
Subtotal	19									19	31
Tr-Tk semi-trailers											
3-axle					1					1	2
4-axle	1	1	1	2	1	1				7	7
5-axle or more			4	1		1				6	6
Subtotal	1	1	5	3	2	2				14	15
Tk-Trailer combinations											
4-axle or less											
5-axle			2	2		1	1	9		15	15
6-axle or more				2	1		1			4	4
Subtotal			2	4	1	1	2	9		19	19
All combinations	1	1	7	7	3	3	2	9		33	34
All trucks and combs.	20	1	7	7	3	3	2	9		52	65

WC-3

Great Falls
State Montana Sta. No. 7
Year 1952 Direction Combined
Season August 8-hr. period 6AM-6AM
24 hours

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 - 24.9	25.0 - 29.9	30.0 - 39.9	40.0 - 49.9	50.0 - 59.9	60.0 - 69.9	70.0 - 79.9	80.0 - over		
Single-unit trucks											
Panels and pick-ups	104									104	271
Other 2-axle, 4-tired	12									12	59
Other 2-axle, 6-tired	181	37	2							220	256
3-axle	5	1		4						10	11
Subtotal	302	38	2	4						346	597
Tr-Tk semi-trailers											
3-axle	4	2	1	3	2					12	13
4-axle	1	7	1	6	2	5				22	23
5-axle or more			9	7	1	7	1			25	25
Subtotal	5	9	11	16	5	12	1			59	61
Tk-Trailer combinations											
4-axle or less				1			1			2	3
5-axle			7	5		1	1	21		35	39
6-axle or more				3	1		2	1		7	9
Subtotal			7	9	1	1	4	22		44	51
All combinations	5	9	18	25	6	13	5	22		103	112
All trucks and combs.	307	47	20	29	6	13	5	22		449	709

WC-4

Great Falls

State Montana Sta. No. 7
Year 1952 Direction Combined
Season August 8-hr. period 6AM-2PM

Number of Vehicles Counted, Percentage and Number Loaded, Percentage and Number Empty, Average Loaded Weight and Average Empty Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percentage loaded	Estimated number loaded	Average loaded weight	Percentage empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	135	45.90	62	5668	54.10	73	4145
Other 2-axle, 4-tired	32	75.00	24	8700	25.00	8	5400
Other 2-axle, 6-tired	149	53.24	79	17311	46.76	70	7766
3-axle	3	66.67	2	34650	33.33	1	13200
Subtotal	319	52.35	167	11959	47.65	152	5938
Tr-Tk semi-trailers							
3-axle	5	80.00	4	33650	20.00	1	19400
4-axle	9	66.67	6	46383	33.33	3	25500
5-axle or more	11	54.55	6	55433	45.45	5	35860
Subtotal	25	64.00	16	46593	36.00	9	30578
Tk-Trailer combinations							
4-axle or less	2	100.00	2	46050	0.00		
5-axle	10	87.50	9	72743	12.50	1	30900
6-axle or more	2	100.00	2	67050			
Subtotal	14	92.86	13	67760	7.14	1	30900
All combinations	39	74.36	29	56082	25.64	10	30610
All trucks and combs.	358	54.75	196	18487	45.25	162	7461

WC-4

Great Falls
State Montana Sta. No. 7
Year 1952 Direction Combined
Season August 8-hr. period 2PM-10PM

Number of Vehicles Counted, Percentage and Number Loaded, Percentage and Number Empty, Average Loaded Weight and Average Empty Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percentage loaded	Estimated number loaded	Average loaded weight	Percentage empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	119	47.22	56	5000	52.78	63	4295
Other 2-axle, 4-tired	25	33.33	8	5300	66.67	17	5350
Other 2-axle, 6-tired	96	47.89	46	17376	52.11	50	7595
3-axle	7	50.00	4	33067	50.00	3	10167
Subtotal	247	46.15	114	11000	53.85	133	5803
Tr-Tk semi-trailers							
3-axle	6	50.00	3	28433	50.00	3	17833
4-axle	7	33.33	2	45500	66.67	5	23650
5-axle or more	8	25.00	2	39400	75.00	6	30317
Subtotal	21	33.33	7	36443	66.67	14	25261
Tk-Trailer combinations							
4-axle or less	1	100.00	1	*46050	0.00		
5-axle	14	41.67	6	73780	58.33	8	29429
6-axle or more	3	0.00			100.00	3	33300
Subtotal	18	38.89	7	69819	61.11	11	30485
All combinations	39	35.90	14	53131	64.10	25	27560
All trucks and combs.	286	44.76	128	15608	55.24	158	9245

* No vehicle of this type weighed - Average weights used are from 6AM-2PM period.

WC-4

Great Falls
State Montana Sta. No. 7
Year 1952 Direction Combined
Season August 8-hr. period 10PM-6AM

Number of Vehicles Counted, Percentage and Number Loaded, Percentage and Number Empty, Average Loaded Weight and Average Empty Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percentage loaded	Estimated number loaded	Average loaded weight	Percentage empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	17	57.14	10	6125	42.86	7	4067
Other 2-axle, 4-tired	2	100.00	2	4900	0.00		
Other 2-axle, 6-tired	11	60.00	7	13800	40.00	4	8925
3-axle	1	0.00			100.00	1	15700
Subtotal	31	61.29	19	8824	38.71	12	6656
Tr-Tk semi-trailers							
3-axle	2	100.00	2	46000	0.00		
4-axle	7	57.14	4	42000	42.86	3	23500
5-axle or more	6	16.67	1	54100	83.33	5	28640
Subtotal	15	46.67	7	44871	53.33	8	26712
Tk-Trailer combinations							
4-axle or less							
5-axle	15	73.33	11	71109	26.67	4	30325
6-axle or more	4	50.00	2	55450	50.00	2	32450
Subtotal	19	68.42	13	68700	31.58	6	31033
All combinations	34	58.82	20	60360	41.18	14	28564
All trucks and combs.	65	60.00	39	35253	40.00	26	18453

WC-1

Shelby
State Montana Sta. No. 8
Year 1952 Direction Combined
Season August

Number of Vehicles of Each Type Weighed and Number Counted
During Each Period of Operation

Vehicle type	Hour - period						Total traffic counted
	6 - 2		2 - 10		10 - 6		
	Thurs. Aug. 21		Fri. Aug. 22		Tues. Aug. 19		
	Weighed	Counted	Weighed	Counted	Weighed	Counted	
Single-unit trucks							
Panels and pick-ups	23	62	17	46		22	130
Other 2-axle, 4-tired	3	13	1	10		1	24
Other 2-axle, 6-tired	43	49	45	47		13	109
3-axle	4	4	1	1			5
Subtotal	73	128	64	104		36	268
Tr-Tk semi-trailers							
3-axle	2	2	5	5		4	11
4-axle	4	4	3	3		6	13
5-axle or more	4	5	5	5		5	15
Subtotal	10	11	13	13		15	39
Tk-Trailer combinations							
4-axle or less	1	1				3	4
5-axle	9	9	10	10			19
6-axle or more			6	6		10	16
Subtotal	10	10	16	16		13	39
All combinations	20	21	29	29		28	78
All trucks and combs.	93	149	93	133		64	346
Passenger cars	xxx	501	xxx	520	xxx	116	1137
Busses	xxx	4	xxx	2	xxx		6
All vehicle types	xxx	654	xxx	655	xxx	180	1489

WC-2

State Montana Sta. No. Shelby 8
Year 1952 Direction Combined
Season August 8-hr. period 6AM-2PM

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	46							46	124
Other 2-axle, 4-tired	6							6	26
Other 2-axle, 6-tired	82	2	1			1		86	98
3-axle	12							12	12
Subtotal	146	2	1			1		150	260
Tr-Tk semi-trailers									
3-axle	6							6	6
4-axle	10	3	3					16	16
5-axle or more	18	2						20	25
Subtotal	34	5	3					42	47
Tk-Trailer combinations									
4-axle or less	4							4	4
5-axle	21	13	11					45	45
6-axle or more									
Subtotal	25	13	11					49	49
All combinations	59	18	14					91	96
All trucks and combs.	205	20	15			1		241	356

WC-2

State Montana Sta. No. Shelby 8
Year 1952 Direction Combined
Season August 8-hr. period 2PM-10PM

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	34							34	92
Other 2-axle, 4-tired	2							2	20
Other 2-axle, 6-tired	85	4	1					90	94
3-axle	3							3	3
Subtotal	124	4	1					129	209
Tr-Tk semi-trailers									
3-axle	14	1						15	15
4-axle	6	4	1	1				12	12
5-axle or more	25							25	25
Subtotal	45	5	1	1				52	52
Tk-Trailer combinations									
4-axle or less									
5-axle	18	13	19					50	50
6-axle or more	35	1						36	36
Subtotal	53	14	19					86	86
All combinations	98	19	20	1				138	138
All trucks and combs.	222	23	21	1				267	347

WC-2

State Montana Sta. No. Shelby 8
Year 1952 Direction Combined
Season August 8-hr. period 6AM-10PM
16 hours

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	80							80	216
Other 2-axle, 4-tired	8							8	46
Other 2-axle, 6-tired	167	6	2			1		176	192
3-axle	15							15	15
Subtotal	270	6	2			1		279	469
Tr-Tk semi-trailers									
3-axle	20	1						21	21
4-axle	16	7	4	1				28	28
5-axle or more	43	2						45	50
Subtotal	79	10	4	1				94	99
Tk-Trailer combinations									
4-axle or less	4							4	4
5-axle	39	26	30					95	95
6-axle or more	35	1						36	36
Subtotal	78	27	30					135	135
All combinations	157	37	34	1				229	234
All trucks and combs.	427	43	36	1		1		508	703

WC-3

State Montana Sta. No. Shelby 8
Year 1952 Direction Combined
Season August 8-hr. period 6AM-2PM

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 – 24.9	25.0 – 29.9	30.0 – 39.9	40.0 – 49.9	50.0 – 59.9	60.0 – 69.9	70.0 – 79.9	80.0 – over		
Single-unit trucks											
Panels and pick-ups	23									23	62
Other 2-axle, 4-tired	3									3	13
Other 2-axle, 6-tired	41	1		1						43	49
3-axle	1		1	2						4	4
Subtotal	68	1	1	3						73	128
Tr-Tk semi-trailers											
3-axle	2									2	2
4-axle		2				2				4	4
5-axle or more				1	2	1				4	5
Subtotal	2	2		1	2	3				10	11
Tk-Trailer combinations											
4-axle or less	1									1	1
5-axle			3				1	5		9	9
6-axle or more											
Subtotal	1		3				1	5		10	10
All combinations	3	2	3	1	2	3	1	5		20	21
All trucks and combs.	71	3	4	4	2	3	1	5		93	149

WC-3

State Montana Sta. No. Shelby 8
Year 1952 Direction Combined
Season August 8-hr. period 2PM-10PM

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 - 24.9	25.0 - 29.9	30.0 - 39.9	40.0 - 49.9	50.0 - 59.9	60.0 - 69.9	70.0 - 79.9	80.0 over		
Single-unit trucks											
Panels and pick-ups	17									17	46
Other 2-axle, 4-tired	1									1	10
Other 2-axle, 6-tired	42	3								45	47
3-axle	1									1	1
Subtotal	61	3								64	104
Tr-Tk semi-trailers											
3-axle	3	1		1						5	5
4-axle		1				2				3	3
5-axle or more				5						5	5
Subtotal	3	2		6		2				13	13
Tk-Trailer combinations											
4-axle or less											
5-axle			1	1				8		10	10
6-axle or more			2				2	2		6	6
Subtotal			3	1			2	10		16	16
All combinations	3	2	3	7		2	2	10		29	29
All trucks and combs.	64	5	3	7		2	2	10		93	133

WC-3

State Montana Sta. No. Shelby 8
Year 1952 Direction Combined
Season August 8-hr. period 6AM-10PM 16 hours

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0-24.9	25.0-29.9	30.0-39.9	40.0-49.9	50.0-59.9	60.0-69.9	70.0-79.9	80.0 over		
Single-unit trucks											
Panels and pick-ups	40									40	108
Other 2-axle, 4-tired	4									4	23
Other 2-axle, 6-tired	83	4		1						88	96
3-axle	2		1	2						5	5
Subtotal	129	4	1	3						137	232
Tr-Tk semi-trailers											
3-axle	5	1		1						7	7
4-axle		3				4				7	7
5-axle or more				6	2	1				9	10
Subtotal	5	4		7	2	5				23	24
Tk-Trailer combinations											
4-axle or less	1									1	1
5-axle			4	1			1	13		19	19
6-axle or more			2				2	2		6	6
Subtotal	1		6	1			3	15		26	26
All combinations	6	4	6	8	2	5	3	15		49	50
All trucks and combs.	135	8	7	11	2	5	3	15		186	282

WC-4

State Montana Sta. No. Shelby 8
Year 1952 Direction Combined
Season August 8-hr. period 6AM-2PM

Number of Vehicles Counted, Percentage and Number Loaded, Percentage and Number Empty, Average Loaded Weight and Average Empty Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percentage loaded	Estimated number loaded	Average loaded weight	Percentage empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	62	56.52	35	6162	43.48	27	4470
Other 2-axle, 4-tired	13	100.00	13	6600	0.00		
Other 2-axle, 6-tired	49	58.14	28	14336	41.86	21	8622
3-axle	4	75.00	3	33600	25.00	1	16200
Subtotal	128	61.72	79	10173	38.28	49	6489
Tr-Tk semi-trailers							
3-axle	2	0.00			100.00	2	14700
4-axle	4	75.00	3	43667	25.00	1	21300
5-axle or more	5	100.00	5	48450	0.00		
Subtotal	11	72.73	8	46656	27.27	3	16900
Tk-Trailer combinations							
4-axle or less	1	0.00			100.00	1	15500
5-axle	9	66.67	6	73100	33.33	3	29667
6-axle or more							
Subtotal	10	60.00	6	73100	40.00	4	26125
All combinations	21	66.67	14	57989	33.33	7	22171
All trucks and combs.	149	62.42	93	17371	37.58	56	8449

WC-4

State Montana Sta. No. Shelby 8
Year 1952 Direction Combined
Season August 8-hr. period 2PM-10PM

Number of Vehicles Counted, Percentage and Number Loaded, Percentage and Number Empty, Average Loaded Weight and Average Empty Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percentage loaded	Estimated number loaded	Average loaded weight	Percentage empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	46	47.06	22	5250	52.94	24	3778
Other 2-axle, 4-tired	10	100.00	10	6500	0.00		
Other 2-axle, 6-tired	47	62.22	29	15289	37.78	18	8159
3-axle	1	0.00			100.00	1	16300
Subtotal	104	58.65	61	10228	41.35	43	5903
Tr-Tk semi-trailers							
3-axle	5	40.00	2	24950	60.00	3	17700
4-axle	3	66.67	2	54750	33.33	1	20000
5-axle or more	5	40.00	2	36250	60.00	3	31833
Subtotal	13	46.15	6	38650	53.85	7	24086
Tk-Trailer combinations							
4-axle or less							
5-axle	10	80.00	8	73325	20.00	2	30200
6-axle or more	6	66.67	4	69925	33.33	2	29300
Subtotal	16	75.00	12	72192	25.00	4	29750
All combinations	29	62.07	18	61011	37.93	11	26146
All trucks and combs.	133	59.40	79	21799	40.60	54	10027

WC-1

Kalispell

State Montana Sta. No. 9
Year 1952 Direction Combined
Season August

Number of Vehicles of Each Type Weighed and Number Counted
During Each Period of Operation

Vehicle type	Hour - period						Total traffic counted
	6 - 2		2 - 10		10 - 6		
	Tues. Aug. 26		Mon. Aug. 25		Wed. Aug. 27		
	Weighed	Counted	Weighed	Counted	Weighed	Counted	
Single-unit trucks							
Panels and pick-ups	71	140	45	143		22	305
Other 2-axle, 4-tired	14	25	7	15			40
Other 2-axle, 6-tired	99	105	93	100		8	213
3-axle	10	10	12	12		4	26
Subtotal	194	280	157	270		34	584
Tr-Tk semi-trailers							
3-axle	1	1	6	6			7
4-axle	4	4	3	3			7
5-axle or more	3	3	4	4		1	8
Subtotal	8	8	13	13		1	22
Tk-Trailer combinations							
4-axle or less							
5-axle	9	9	5	5		6	20
6-axle or more	2	2	2	2		3	7
Subtotal	11	11	7	7		9	27
All combinations	19	19	20	20		10	49
All trucks and combs.	213	299	177	290		44	633
Passenger cars	xxx	1013	xxx	1226	xxx	194	2433
Busses	xxx	4	xxx	4	xxx		8
All vehicle types	xxx	1316	xxx	1520	xxx	238	3074

WC-2

Kalispell

State Montana Sta. No. 9
Year 1952 Direction Combined
Season August 8-hr. period 6AM-2PM

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	142							142	280
Other 2-axle, 4-tired	28							28	50
Other 2-axle, 6-tired	184	5	6	3				198	210
3-axle	30							30	30
Subtotal	384	5	6	3				398	570
Tr-Tk semi-trailers									
3-axle	2	1						3	3
4-axle	12	3	1					16	16
5-axle or more	9	5	1					15	15
Subtotal	23	9	2					34	34
Tk-Trailer combinations									
4-axle or less									
5-axle	26	7	10	2				45	45
6-axle or more	12							12	12
Subtotal	38	7	10	2				57	57
All combinations	61	16	12	2				91	91
All trucks and combs.	445	21	18	5				489	661

WC-2

State Montana Sta. No. Kalispell 9
Year 1952 Direction Combined
Season August 8-hr. period 2PM-10PM

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	90							90	286
Other 2-axle, 4-tired	14							14	30
Other 2-axle, 6-tired	170	10	2		1	3		186	200
3-axle	36							36	36
Subtotal	310	10	2		1	3		326	552
Tr-Tk semi-trailers									
3-axle	17	1						18	18
4-axle	7		5					12	12
5-axle or more	16	1	3					20	20
Subtotal	40	2	8					50	50
Tk-Trailer combinations									
4-axle or less									
5-axle	17	3	5					25	25
6-axle or more	12							12	12
Subtotal	29	3	5					37	37
All combinations	69	5	13					87	87
All trucks and combs.	379	15	15		1	3		413	639

WC-2

State Montana Sta. No. Kalispell 9
Year 1952 Direction Combined
Season August 8-hr. period 6AM-10PM 16 hours

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	232							232	566
Other 2-axle, 4-tired	42							42	80
Other 2-axle, 6-tired	354	15	8	3	1	3		384	410
3-axle	66							66	66
Subtotal	694	15	8	3	1	3		724	1122
Tr-Tk semi-trailers									
3-axle	19	2						21	21
4-axle	19	3	6					28	28
5-axle or more	25	6	4					35	35
Subtotal	63	11	10					84	84
Tk-Trailer combinations									
4-axle or less									
5-axle	43	10	15	2				70	70
6-axle or more	24							24	24
Subtotal	67	10	15	2				94	94
All combinations	130	21	25	2				178	178
All trucks and combs.	824	36	33	5	1	3		902	1300

WC-3

Kalispell

State Montana Sta. No. 9
Year 1952 Direction Combined
Season August 8-hr. period 6AM-2PM

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 – 24.9	25.0 – 29.9	30.0 – 39.9	40.0 – 49.9	50.0 – 59.9	60.0 – 69.9	70.0 – 79.9	80.0 – over		
Single-unit trucks											
Panels and pick-ups	71									71	140
Other 2-axle, 4-tired	14									14	25
Other 2-axle, 6-tired	89	10								99	105
3-axle	1	6	2	1						10	10
Subtotal	175	16	2	1						194	280
Tr-Tk semi-trailers											
3-axle				1						1	1
4-axle				3		1				4	4
5-axle or more				1			2			3	3
Subtotal				5		1	2			8	8
Tk-Trailer combinations											
4-axle or less											
5-axle			3	1			1	4		9	9
6-axle or more			1		1					2	2
Subtotal			4	1	1		1	4		11	11
All combinations			4	6	1	1	3	4		19	19
All trucks and combs.	175	16	6	7	1	1	3	4		213	299

WC-3

Kalispell

State Montana Sta. No. 9
Year 1952 Direction Combined
Season August 8-hr. period 2PM-10PM

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 - 24.9	25.0 - 29.9	30.0 - 39.9	40.0 - 49.9	50.0 - 59.9	60.0 - 69.9	70.0 - 79.9	80.0 over		
Single-unit trucks											
Panels and pick-ups	45									45	143
Other 2-axle, 4-tired	7									7	15
Other 2-axle, 6-tired	86	4	3							93	100
3-axle	7	3	2							12	12
Subtotal	145	7	5							157	270
Tr-Tk semi-trailers											
3-axle	3	1	1	1						6	6
4-axle					2	1				3	3
5-axle or more			1	1	1			1		4	4
Subtotal	3	1	2	2	3	1		1		13	13
Tk-Trailer combinations											
4-axle or less											
5-axle			2	1				2		5	5
6-axle or more					1		1			2	2
Subtotal			2	1	1		1	2		7	7
All combinations	3	1	4	3	4	1	1	3		20	20
All trucks and combs.	148	8	9	3	4	1	1	3		177	290

WC-3

State Montana Sta. No. Kalispell 9
Year 1952 Direction Combined
Season August 8-hr. period 6AM-10PM 16 hours

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 - 24.9	25.0 - 29.9	30.0 - 39.9	40.0 - 49.9	50.0 - 59.9	60.0 - 69.9	70.0 - 79.9	80.0 over		
Single-unit trucks											
Panels and pick-ups	116									116	283
Other 2-axle, 4-tired	21									21	40
Other 2-axle, 6-tired	175	14	3							192	205
3-axle	8	9	4	1						22	22
Subtotal	320	23	7	1						351	550
Tr-Tk semi-trailers											
3-axle	3	1	1	2						7	7
4-axle				3	2	2				7	7
5-axle or more			1	2	1		2	1		7	7
Subtotal	3	1	2	7	3	2	2	1		21	21
Tk-Trailer combinations											
4-axle or less											
5-axle			5	2			1	6		14	14
6-axle or more			1		2		1			4	4
Subtotal			6	2	2		2	6		18	18
All combinations	3	1	8	9	5	2	4	7		39	39
All trucks and combs.	323	24	15	10	5	2	4	7		390	589

WC-4

Kalispell

State Montana Sta. No. 9
Year 1952 Direction Combined
Season August 8-hr. period 6AM-2PM

Number of Vehicles Counted, Percentage and Number Loaded, Percentage and Number Empty, Average Loaded Weight and Average Empty Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percentage loaded	Estimated number loaded	Average loaded weight	Percentage empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	140	39.44	55	5236	60.56	85	4030
Other 2-axle, 4-tired	25	42.86	11	9300	57.14	14	5113
Other 2-axle, 6-tired	105	57.58	60	15216	42.42	45	7593
3-axle	10	70.00	7	25057	30.00	3	20333
Subtotal	280	47.50	133	11117	52.50	147	5556
Tr-Tk semi-trailers							
3-axle	1	100.00	1	32900	0.00		
4-axle	4	100.00	4	37600	0.00		
5-axle or more	3	100.00	3	54600	0.00		
Subtotal	8	100.00	8	43387	0.00		
Tk-Trailer combinations							
4-axle or less							
5-axle	9	55.56	5	73300	44.44	4	29250
6-axle or more	2	50.00	1	47800	50.00	1	28400
Subtotal	11	54.55	6	69050	45.45	5	29080
All combinations	19	73.68	14	54385	26.32	5	29080
All trucks and combs.	299	49.16	147	15237	50.84	152	5565

WC-4

Kalispell

State Montana Sta. No. 9
Year 1952 Direction Combined
Season August 8-hr. period 2PM-10PM

Number of Vehicles Counted, Percentage and Number Loaded, Percentage and Number Empty, Average Loaded Weight and Average Empty Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percentage loaded	Estimated number loaded	Average loaded weight	Percentage empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	143	31.11	44	5950	68.89	99	4061
Other 2-axle, 4-tired	15	42.86	6	9300	57.14	9	5100
Other 2-axle, 6-tired	100	59.14	59	15562	40.86	41	7347
3-axle	12	41.67	5	25240	58.33	7	14286
Subtotal	270	42.22	114	11947	57.78	156	5443
Tr-Tk semi-trailers							
3-axle	6	50.00	3	26567	50.00	3	14667
4-axle	3	100.00	3	49900	0.00		
5-axle or more	4	50.00	2	57700	50.00	2	31950
Subtotal	13	61.54	8	43100	38.46	5	21580
Tk-Trailer combinations							
4-axle or less							
5-axle	5	40.00	2	74650	60.00	3	29000
6-axle or more	2	100.00	2	57450	0.00		
Subtotal	7	57.14	4	66050	42.86	3	29000
All combinations	20	60.00	12	50750	40.00	8	24362
All trucks and combs.	290	43.45	126	15642	56.55	164	6365

WC-1

Missoula

State Montana Sta. No. 10
Year 1952 Direction Combined
Season August

Number of Vehicles of Each Type Weighed and Number Counted
During Each Period of Operation

Vehicle type	Hour - period						Total traffic counted
	6 - 2		2 - 10		10 - 6		
	Thurs. Aug. 28		Wed. Aug. 27		Thurs. Aug. 21		
	Weighed	Counted	Weighed	Counted	Weighed	Counted	
Single-unit trucks							
Panels and pick-ups	28	140	7	99		20	259
Other 2-axle, 4-tired	8	24	1	10			34
Other 2-axle, 6-tired	99	154	66	101		30	285
3-axle	12	14	11	13		3	30
Subtotal	147	332	85	223		53	608
Tr-Tk semi-trailers							
3-axle	11	14	8	9		3	26
4-axle	4	7	5	6			13
5-axle or more	17	20	18	18		19	57
Subtotal	32	41	31	33		22	96
Tk-Trailer combinations							
4-axle or less			1	2		3	5
5-axle	11	12	4	5		3	20
6-axle or more	2	2	8	11		8	21
Subtotal	13	14	13	18		14	46
All combinations	45	55	44	51		36	142
All trucks and combs.	192	387	129	274		89	750
Passenger cars	xxx	1512	xxx	1493	xxx	257	3262
Busses	xxx	10	xxx	9	xxx	7	26
All vehicle types	xxx	1909	xxx	1776	xxx	353	4038

WC-2

State Montana Sta. No. Missoula 10
Year 1952 Direction Combined
Season August 8-hr. period 6AM-2PM

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	56							56	280
Other 2-axle, 4-tired	16							16	48
Other 2-axle, 6-tired	187	6	3	1		1		198	308
3-axle	30	6						36	42
Subtotal	289	12	3	1		1		306	678
Tr-Tk semi-trailers									
3-axle	31		1	1				33	42
4-axle	15			1				16	28
5-axle or more	61	21	1	2				85	100
Subtotal	107	21	2	4				134	170
Tk-Trailer combinations									
4-axle or less									
5-axle	38	9	8					55	60
6-axle or more	10	2						12	12
Subtotal	48	11	8					67	72
All combinations	155	32	10	4				201	242
All trucks and combs.	444	44	13	5		1		507	920

WC-2

State Montana Sta. No. Missoula 10
Year 1952 Direction Combined
Season August 8-hr. period 2PM-10PM

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	14							14	198
Other 2-axle, 4-tired	2							2	20
Other 2-axle, 6-tired	125	5	2					132	202
3-axle	27	6						33	39
Subtotal	168	11	2					181	459
Tr-Tk semi-trailers									
3-axle	21	1	1	1				24	27
4-axle	19		1					20	24
5-axle or more	74	14			2			90	90
Subtotal	114	15	2	1	2			134	141
Tk-Trailer combinations									
4-axle or less	4							4	8
5-axle	17	2	1					20	25
6-axle or more	40	6	2					48	66
Subtotal	61	8	3					72	99
All combinations	175	23	5	1	2			206	240
All trucks and combs.	343	34	7	1	2			387	699

WC-2

Missoula

State Montana Sta. No. 10
Year 1952 Direction Combined
Season August 8-hr. period 6AM-10PM
16 hours

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	70							70	478
Other 2-axle, 4-tired	18							18	68
Other 2-axle, 6-tired	312	11	5	1		1		330	510
3-axle	57	12						69	81
Subtotal	457	23	5	1		1		487	1137
Tr-Tk semi-trailers									
3-axle	52	1	2	2				57	69
4-axle	34		1	1				36	52
5-axle or more	135	35	1	2	2			175	190
Subtotal	221	36	4	5	2			268	311
Tk-Trailer combinations									
4-axle or less	4							4	8
5-axle	55	11	9					75	85
6-axle or more	50	8	2					60	78
Subtotal	109	19	11					139	171
All combinations	330	55	15	5	2			407	482
All trucks and combs.	787	78	20	6	2	1		894	1619

WC-3

State Montana Sta. No. Missoula 10
Year 1952 Direction Combined
Season August 8-hr. period 6AM-2PM

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 – 24.9	25.0 – 29.9	30.0 – 39.9	40.0 – 49.9	50.0 – 59.9	60.0 – 69.9	70.0 – 79.9	80.0 – over		
Single-unit trucks											
Panels and pick-ups	28									28	140
Other 2-axle, 4-tired	8									8	24
Other 2-axle, 6-tired	93	5	1							99	154
3-axle	5		2	4	1					12	14
Subtotal	134	5	3	4	1					147	332
Tr-Tk semi-trailers											
3-axle	2	3	4	1	1					11	14
4-axle	1	1		1		1				4	7
5-axle or more			1	3	2	3	6	2		17	20
Subtotal	3	4	5	5	3	4	6	2		32	41
Tk-Trailer combinations											
4-axle or less											
5-axle			3	2	1		1	4		11	12
6-axle or more							1	1		2	2
Subtotal			3	2	1		2	5		13	14
All combinations	3	4	8	7	4	4	8	7		45	55
All trucks and combs.	137	9	11	11	5	4	8	7		192	387

WC-3

Missoula

State Montana Sta. No. 10
Year 1952 Direction Combined
Season August 8-hr. period 2PM-10PM

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 – 24.9	25.0 – 29.9	30.0 – 39.9	40.0 – 49.9	50.0 – 59.9	60.0 – 69.9	70.0 – 79.9	80.0 – over		
Single-unit trucks											
Panels and pick-ups	7									7	99
Other 2-axle, 4-tired	1									1	10
Other 2-axle, 6-tired	63	3								66	101
3-axle	5	1	1	4						11	13
Subtotal	76	4	1	4						85	223
Tr-Tk semi-trailers											
3-axle	5		1	1	1					8	9
4-axle		3	1		1					5	6
5-axle or more				4	2	7	5			18	18
Subtotal	5	3	2	5	4	7	5			31	33
Tk-Trailer combinations											
4-axle or less			1							1	2
5-axle			1				3			4	5
6-axle or more						1	7			8	11
Subtotal			2			1	10			13	18
All combinations	5	3	4	5	4	8	15			44	51
All trucks and combs.	81	7	5	9	4	8	15			129	274

WC-3

State Montana Sta. No. Missoula 10
Year 1952 Direction Combined
Season August 8-hr. period 6AM-10PM 16 hours

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 - 24.9	25.0 - 29.9	30.0 - 39.9	40.0 - 49.9	50.0 - 59.9	60.0 - 69.9	70.0 - 79.9	80.0 - over		
Single-unit trucks											
Panels and pick-ups	35									35	239
Other 2-axle, 4-tired	9									9	34
Other 2-axle, 6-tired	156	8	1							165	255
3-axle	10	1	3	8	1					23	27
Subtotal	210	9	4	8	1					232	555
Tr-Tk semi-trailers											
3-axle	7	3	5	2	2					19	23
4-axle	1	4	1	1	1	1				9	13
5-axle or more			1	7	4	10	11	2		35	38
Subtotal	8	7	7	10	7	11	11	2		63	74
Tk-Trailer combinations											
4-axle or less			1							1	2
5-axle			4	2	1		4	4		15	17
6-axle or more						1	8	1		10	13
Subtotal			5	2	1	1	12	5		26	32
All combinations	8	7	12	12	8	12	23	7		89	106
All trucks and combs.	218	16	16	20	9	12	23	7		321	661

WC-4

Missoula

State Montana Sta. No. 10
Year 1952 Direction Combined
Season August 8-hr. period 6AM-2PM

Number of Vehicles Counted, Percentage and Number Loaded, Percentage and Number Empty, Average Loaded Weight and Average Empty Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percentage loaded	Estimated number loaded	Average loaded weight	Percentage empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	140	78.57	110	5464	21.43	30	4583
Other 2-axle, 4-tired	24	87.50	21	6500	12.50	3	5200
Other 2-axle, 6-tired	154	83.84	129	14027	16.16	25	7381
3-axle	14	58.33	8	33414	41.67	6	14460
Subtotal	332	80.72	268	10501	19.28	64	6631
Tr-Tk semi-trailers							
3-axle	14	72.73	10	29263	27.27	4	17633
4-axle	7	50.00	3	43050	50.00	4	20750
5-axle or more	20	76.47	15	61008	23.53	5	31600
Subtotal	41	68.29	28	47746	31.71	13	23964
Tk-Trailer combinations							
4-axle or less							
5-axle	12	54.55	7	67883	45.45	5	29360
6-axle or more	2	100.00	2	69500	0.00		
Subtotal	14	64.29	9	68242	35.71	5	29360
All combinations	55	67.27	37	52732	32.73	18	25462
All trucks and combs.	387	78.81	305	15624	21.19	82	10765

WC-4

State Montana Sta. No. Missoula 10
Year 1952 Direction Combined
Season August 8-hr. period 2PM-10PM

Number of Vehicles Counted, Percentage and Number Loaded, Percentage and Number Empty, Average Loaded Weight and Average Empty Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percentage loaded	Estimated number loaded	Average loaded weight	Percentage empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	99	57.14	57	5575	42.86	42	4133
Other 2-axle, 4-tired	10	0.00			100.00	10	5400
Other 2-axle, 6-tired	101	68.18	69	14816	31.82	32	8652
3-axle	13	63.64	8	31386	36.36	5	12350
Subtotal	223	60.09	134	11874	39.91	89	6362
Tr-Tk semi-trailers							
3-axle	9	50.00	5	28500	50.00	4	17475
4-axle	6	20.00	2	43200	80.00	4	24575
5-axle or more	18	83.33	15	57213	16.67	3	32400
Subtotal	33	66.67	22	49413	33.33	11	24127
Tk-Trailer combinations							
4-axle or less	2	100.00	2	28800	0.00		
5-axle	5	50.00	3	65350	50.00	2	28500
6-axle or more	11	100.00	11	65038	0.00		
Subtotal	18	88.89	16	60566	11.11	2	28500
All combinations	51	74.51	38	54109	25.49	13	24799
All trucks and combs.	274	62.77	172	21204	37.23	102	8711

WC-1

Drummond

State Montana Sta. No. 11
Year 1952 Direction Combined
Season August

Number of Vehicles of Each Type Weighed and Number Counted
During Each Period of Operation

Vehicle type	Hour - period						Total traffic counted
	6 - 2		2 - 10		10 - 6		
	Fri. Aug. 29		Fri. Aug. 29		Fri. Aug. 22		
	Weighed	Counted	Weighed	Counted	Weighed	Counted	
Single-unit trucks							
Panels and pick-ups	13	69	10	89		15	173
Other 2-axle, 4-tired		5		9			14
Other 2-axle, 6-tired	26	37	36	51		12	100
3-axle	4	4				2	6
Subtotal	43	115	46	149		29	293
Tr-Tk semi-trailers							
3-axle	11	11	15	15		4	30
4-axle	7	7	7	7		2	16
5-axle or more	17	17	19	19		26	62
Subtotal	35	35	41	41		32	108
Tk-Trailer combinations							
4-axle or less			2	2		3	5
5-axle	25	26	13	13		4	43
6-axle or more	4	4	7	7		12	23
Subtotal	29	30	22	22		19	71
All combinations	64	65	63	63		51	179
All trucks and combs.	107	180	109	212		80	472
Passenger cars	xxx	1211	xxx	1490	xxx	198	2899
Busses	xxx	8	xxx	11	xxx	8	27
All vehicle types	xxx	1399	xxx	1713	xxx	286	3398

WC-2

State Montana Sta. No. Drummond 11
Year 1952 Direction Combined
Season August 8-hr. period 6AM-2PM

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	26							26	138
Other 2-axle, 4-tired									10
Other 2-axle, 6-tired	49	2		1				52	74
3-axle	8	4						12	12
Subtotal	83	6		1				90	234
Tr-Tk semi-trailers									
3-axle	31	1		1				33	33
4-axle	26	2						28	28
5-axle or more	74	10	2					86	86
Subtotal	131	13	2	1				147	147
Tk-Trailer combinations									
4-axle or less									
5-axle	71	23	30	1				125	130
6-axle or more	21	2	1					24	24
Subtotal	92	25	31	1				149	154
All combinations	223	38	33	2				296	301
All trucks and combs.	306	44	33	3				386	535

WC-2

Drummond

State Montana Sta. No. 11
Year 1952 Direction Combined
Season August 8-hr. period 2PM-10PM

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	20							20	178
Other 2-axle, 4-tired									18
Other 2-axle, 6-tired	71	1						72	102
3-axle									
Subtotal	91	1						92	298
Tr-Tk semi-trailers									
3-axle	33	7	5					45	45
4-axle	18	6	2	2				28	28
5-axle or more	71	24						95	95
Subtotal	122	37	7	2				168	168
Tk-Trailer combinations									
4-axle or less	6	2						8	8
5-axle	57	5	3					65	65
6-axle or more	40	2						42	42
Subtotal	103	9	3					115	115
All combinations	225	46	10	2				283	283
All trucks and combs.	316	47	10	2				375	581

WC-2

State Montana Sta. No. Drummond 11
Year 1952 Direction Combined
Season August 8-hr. period 6AM-10PM 16 hours

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	46							46	316
Other 2-axle, 4-tired									28
Other 2-axle, 6-tired	120	3		1				124	176
3-axle	8	4						12	12
Subtotal	174	7		1				182	532
Tr-Tk semi-trailers									
3-axle	64	8	5	1				78	78
4-axle	44	8	2	2				56	56
5-axle or more	145	34	2					181	181
Subtotal	253	50	9	3				315	315
Tk-Trailer combinations									
4-axle or less	6	2						8	8
5-axle	128	28	33	1				190	195
6-axle or more	61	4	1					66	66
Subtotal	195	34	34	1				264	269
All combinations	448	84	43	4				579	584
All trucks and combs.	622	91	43	5				761	1116

WC-3

Drummond

State Montana Sta. No. 11
Year 1952 Direction Combined
Season August 8-hr. period 6AM-2PM

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 - 24.9	25.0 - 29.9	30.0 - 39.9	40.0 - 49.9	50.0 - 59.9	60.0 - 69.9	70.0 - 79.9	80.0 over		
Single-unit trucks											
Panels and pick-ups	13									13	69
Other 2-axle, 4-tired											5
Other 2-axle, 6-tired	24	2								26	37
3-axle	2			2						4	4
Subtotal	39	2		2						43	115
Tr-Tk semi-trailers											
3-axle	6	1	2	2						11	11
4-axle	1	2	1	1	2					7	7
5-axle or more		1		3	2	6	3	2		17	17
Subtotal	7	4	3	6	4	6	3	2		35	35
Tk-Trailer combinations											
4-axle or less											
5-axle		1	5	4		1	1	13		25	26
6-axle or more							3	1		4	4
Subtotal		1	5	4		1	4	14		29	30
All combinations	7	5	8	10	4	7	7	16		64	65
All trucks and combs.	46	7	8	12	4	7	7	16		107	180

WC-3

State Montana Sta. No. Drummond 11
Year 1952 Direction Combined
Season August 8-hr. period 2PM-10PM

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 – 24.9	25.0 – 29.9	30.0 – 39.9	40.0 – 49.9	50.0 – 59.9	60.0 – 69.9	70.0 – 79.9	80.0 over		
Single-unit trucks											
Panels and pick-ups	10									10	89
Other 2-axle, 4-tired											9
Other 2-axle, 6-tired	36									36	51
3-axle											
Subtotal	46									46	149
Tr-Tk semi-trailers											
3-axle	3	3	2	6	1					15	15
4-axle		2	1		1	3				7	7
5-axle or more				4	4	1	8	2		19	19
Subtotal	3	5	3	10	6	4	8	2		41	41
Tk-Trailer combinations											
4-axle or less				1		1				2	2
5-axle		1	4	4	1		2	1		13	13
6-axle or more						3	3	1		7	7
Subtotal		1	4	5	1	4	5	2		22	22
All combinations	3	6	7	15	7	8	13	4		63	63
All trucks and combs.	49	6	7	15	7	8	13	4		109	212

WC-3

State Montana Sta. No. Drummond 11
Year 1952 Direction Combined
Season August 8-hr. period 6AM-10PM 16 hours

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 - 24.9	25.0 - 29.9	30.0 - 39.9	40.0 - 49.9	50.0 - 59.9	60.0 - 69.9	70.0 - 79.9	80.0 - over		
Single-unit trucks											
Panels and pick-ups	23									23	158
Other 2-axle, 4-tired											14
Other 2-axle, 6-tired	60	2								62	88
3-axle	2			2						4	4
Subtotal	85	2		2						89	264
Tr-Tk semi-trailers											
3-axle	9	4	4	8	1					26	26
4-axle	1	4	2	1	3	3				14	14
5-axle or more		1		7	6	7	11	4		36	36
Subtotal	10	9	6	16	10	10	11	4		76	76
Tk-Trailer combinations											
4-axle or less				1		1				2	2
5-axle		2	9	8	1	1	3	14		38	39
6-axle or more						3	6	2		11	11
Subtotal		2	9	9	1	5	9	16		51	52
All combinations	10	11	15	25	11	15	20	20		127	128
All trucks and combs.	95	13	15	27	11	15	20	20		216	392

WC-4

Drummond

State Montana Sta. No. 11
Year 1952 Direction Combined
Season August 8-hr. period 6AM-2PM

Number of Vehicles Counted, Percentage and Number Loaded, Percentage and Number Empty, Average Loaded Weight and Average Empty Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percentage loaded	Estimated number loaded	Average loaded weight	Percentage empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	69	69.23	48	6256	30.77	21	4525
Other 2-axle, 4-tired	5	87.50	4	*6500	12.50	1	*5200
Other 2-axle, 6-tired	37	46.15	17	13617	53.85	20	7893
3-axle	4	50.00	2	34800	50.00	2	16050
Subtotal	115	61.74	71	8836	38.26	44	6093
Tr-Tk semi-trailers							
3-axle	11	36.36	4	32050	63.64	7	15357
4-axle	7	42.86	3	40067	57.14	4	22375
5-axle or more	17	88.24	15	56227	11.76	2	29250
Subtotal	35	62.86	22	49628	37.14	13	19654
Tk-Trailer combinations							
4-axle or less							
5-axle	26	60.00	16	71820	40.00	10	29590
6-axle or more	4	100.00	4	66625	0.00		
Subtotal	30	66.67	20	70781	33.33	10	29590
All combinations	65	64.61	42	59700	35.39	23	25713
All trucks and combs.	180	62.78	113	27741	37.22	67	12828

*No vehicles of this type weighed. Average weights & percentages taken from Station 10.

WC-4

State Montana Sta. No. Drummond 11
Year 1952 Direction Combined
Season August 8-hr. period 2PM-10PM

Number of Vehicles Counted, Percentage and Number Loaded, Percentage and Number Empty, Average Loaded Weight and Average Empty Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percentage loaded	Estimated number loaded	Average loaded weight	Percentage empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	89	60.00	53	5850	40.00	36	4850
Other 2-axle, 4-tired	5	87.50	4	*6500	12.50	1	*5200
Other 2-axle, 6-tired	51	47.22	24	12971	52.78	27	8479
3-axle							
Subtotal	145	55.86	81	7992	44.14	64	6386
Tr-Tk semi-trailers							
3-axle	15	73.33	11	31555	26.67	4	18200
4-axle	7	71.43	5	49640	28.57	2	23550
5-axle or more	19	78.95	15	57753	21.05	4	40925
Subtotal	41	75.61	31	47148	24.39	10	28360
Tk-Trailer combinations							
4-axle or less	2	100.00	2	42750	0.00		
5-axle	13	23.08	3	63400	76.92	10	29740
6-axle or more	7	100.00	7	59586	0.00		
Subtotal	22	54.55	12	57734	45.45	10	29740
All combinations	63	68.25	43	50102	31.75	20	29050
All trucks and combs.	208	59.62	124	22595	40.38	84	11782

*No vehicles of this type weighed. Average weights and percentages taken from Station 10.

WC-2

State Montana Sta. No. All Stations
Year 1952 Direction Combined
Season August 8-hr. period 6AM-2PM

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	630							630	2356
Other 2-axle, 4-tired	118							118	314
Other 2-axle, 6-tired	1337	46	45	16		2		1446	1846
3-axle	132	15						147	171
Subtotal	2217	61	45	16		2		2341	4687
Tr-Tk semi-trailers									
3-axle	236	20	18	5				279	303
4-axle	228	46	26	16				316	348
5-axle or more	385	85	14	2				486	516
Subtotal	849	151	58	23				1081	1167
Tk-Trailer combinations									
4-axle or less	61	8	26	8	1			104	112
5-axle	272	102	109	7				490	530
6-axle or more	81	8	1					90	90
Subtotal	414	118	136	15	1			684	732
All combinations	1263	269	194	38	1			1765	1899
All trucks and combs.	3480	330	239	54	1	2		4106	6586

WC-2

State Montana Sta. No. All Stations
Year 1952 Direction Combined
Season August 8-hr. period 2PM-10PM

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	472							472	2240
Other 2-axle, 4-tired	68							68	220
Other 2-axle, 6-tired	1027	40	24	6	3	4		1104	1444
3-axle	101	8	2					111	129
Subtotal	1668	48	26	6	3	4		1755	4033
Tr-Tk semi-trailers									
3-axle	261	24	14	5	2			306	315
4-axle	186	41	19	8	1	1		256	264
5-axle or more	489	78	6		2			575	585
Subtotal	936	143	39	13	5	1		1137	1164
Tk-Trailer combinations									
4-axle or less	84	7	7	4				102	118
5-axle	326	63	65	6				460	490
6-axle or more	172	11	3					186	216
Subtotal	582	81	75	10				748	824
All combinations	1518	224	114	23	5	1		1885	1988
All trucks and combs.	3186	272	140	29	8	5		3640	6021

WC-2

State Montana Sta. No. 1 & 7
Year 1952 Direction Combined
Season August 8-hr. period 10PM-6AM

Number of Axle Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Axle loads - Thousands of pounds							Total axles weighed	Total axles counted
	Under 14.0	14.0 15.9	16.0 17.9	18.0 19.9	20.0 21.9	22.0 23.9	24.0 over		
Single-unit trucks									
Panels and pick-ups	22							22	132
Other 2-axle, 4-tired	2							2	8
Other 2-axle, 6-tired	28							28	34
3-axle	3							3	3
Subtotal	55							55	177
Tr-Tk semi-trailers									
3-axle	13		1		1			15	18
4-axle	34	4	6					44	44
5-axle or more	87	7	1					95	105
Subtotal	134	11	8		1			154	167
Tk-Trailer combinations									
4-axle or less									4
5-axle	53	20	19	3				95	95
6-axle or more	46	1	1					48	48
Subtotal	99	21	20	3				143	147
All combinations	233	32	28	3	1			297	314
All trucks and combs.	288	32	28	3	1			352	491

WC-3

State Montana Sta. No. All Stations
Year 1952 Direction Combined
Season August 8-hr. period 6AM-2PM

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 – 24.9	25.0 – 29.9	30.0 – 39.9	40.0 – 49.9	50.0 – 59.9	60.0 – 69.9	70.0 – 79.9	80.0 – over		
Single-unit trucks											
Panels and pick-ups	315									315	1178
Other 2-axle, 4-tired	59									59	157
Other 2-axle, 6-tired	647	72	3	1						723	923
3-axle	19	11	5	13	1					49	57
Subtotal	1040	83	8	14	1					1146	2315
Tr-Tk semi-trailers											
3-axle	25	14	16	33	5					93	101
4-axle	4	16	6	15	11	26	1			79	87
5-axle or more		1	4	21	14	25	23	9		97	103
Subtotal	29	31	26	69	30	51	24	9		269	291
Tk-Trailer combinations											
4-axle or less	1	4	5	1	1	4	9	1		26	28
5-axle		1	21	15	2	2	6	51		98	106
6-axle or more			1	2	1	1	7	3		15	15
Subtotal	1	5	27	18	4	7	22	55		139	149
All combinations	30	36	53	87	34	58	46	64		408	440
All trucks and combs.	1070	119	61	101	35	58	46	64		1554	2755

WC-3

State Montana Sta. No. All Stations
Year 1952 Direction Combined
Season August 8-hr. period 2PM-10PM

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 - 24.9	25.0 - 29.9	30.0 - 39.9	40.0 - 49.9	50.0 - 59.9	60.0 - 69.9	70.0 - 79.9	80.0 over		
Single-unit trucks											
Panels and pick-ups	236									236	1120
Other 2-axle, 4-tired	34									34	110
Other 2-axle, 6-tired	503	43	6							552	722
3-axle	22	6	3	6						37	43
Subtotal	795	49	9	6						859	1995
Tr-Tk semi-trailers											
3-axle	37	19	14	26	6					102	105
4-axle	5	18	2	5	13	21				64	66
5-axle or more			8	39	16	23	23	6		115	117
Subtotal	42	37	24	70	35	44	23	6		281	288
Tk-Trailer combinations											
4-axle or less	1	11	5	2	1	4	2			26	30
5-axle		6	27	21	1		6	30	1	92	98
6-axle or more			2	1	1	4	20	3		31	36
Subtotal	1	17	34	24	3	8	28	33	1	149	164
All combinations	43	54	58	94	38	52	51	39	1	430	452
All trucks and combs.	838	103	67	100	38	52	51	39	1	1289	2447

WC-3

State Montana Sta. No. 1 & 7
Year 1952 Direction Combined
Season August 8-hr. period 10PM-6AM

Number of Gross Loads of Various Magnitudes of Loaded and Empty Trucks and Truck Combinations of Each Type Weighed

Vehicle type	Gross weight - Thousands of pounds									Total vehicles weighed	Total vehicles counted
	Under 20.0	20.0 – 24.9	25.0 – 29.9	30.0 – 39.9	40.0 – 49.9	50.0 – 59.9	60.0 – 69.9	70.0 – 79.9	80.0 over		
Single-unit trucks											
Panels and pick-ups	11									11	66
Other 2-axle, 4-tired	1									1	4
Other 2-axle, 6-tired	14									14	17
3-axle	1									1	1
Subtotal	27									27	88
Tr-Tk semi-trailers											
3-axle	1	2	1		1					5	6
4-axle	1	1	2	2	1	4				11	11
5-axle or more			4	4	3	6	1	1		19	21
Subtotal	2	3	7	6	5	10	1	1		35	38
Tk-Trailer combinations											
4-axle or less											1
5-axle			2	5		1	1	10		19	19
6-axle or more				3	2		3			8	8
Subtotal			2	8	2	1	4	10		27	28
All combinations	2	3	9	14	7	11	5	11		62	66
All trucks and combs.	29	3	9	14	7	11	5	11		89	154

WC-4

State Montana Sta. No. All Stations
Year 1952 Direction Combined
Season August 8-hr. period 6AM-2PM

Number of Vehicles Counted, Percentage and Number Loaded, Percentage and Number Empty, Average Loaded Weight and Average Empty Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percentage loaded	Estimated number loaded	Average loaded weight	Percentage empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	1178	53.97	636	5599	46.03	542	4154
Other 2-axle, 4-tired	157	62.71	98	7205	37.29	59	5327
Other 2-axle, 6-tired	923	62.93	581	14958	37.07	342	7821
3-axle	57	63.27	36	28271	36.73	21	15328
Subtotal	2315	58.36	1351	10344	41.64	964	5770
Tr-Tk semi-trailers							
3-axle	101	67.74	68	31008	32.26	33	17070
4-axle	87	65.82	57	47154	34.18	30	24226
5-axle or more	103	80.41	83	56465	19.59	20	32700
Subtotal	291	71.48	208	45591	28.52	83	23423
Tk-Trailer combinations							
4-axle or less	28	61.54	17	58406	38.46	11	24720
5-axle	106	61.22	65	72158	38.78	41	30053
6-axle or more	15	80.00	12	64725	20.00	3	30767
Subtotal	149	63.09	94	68722	36.91	55	29025
All combinations	440	68.64	302	52791	31.36	138	25656
All trucks and combs.	2755	60.00	1653	18099	40.00	1102	8260

WC-4

State Montana Sta. No. All Stations
Year 1952 Direction Combined
Season August 8-hr. period 2PM-10PM

Number of Vehicles Counted, Percentage and Number Loaded, Percentage and Number Empty, Average Loaded Weight and Average Empty Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percentage loaded	Estimated number loaded	Average loaded weight	Percentage empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	1120	43.22	484	5577	56.78	636	4199
Other 2-axle, 4-tired	110	55.88	61	6895	44.12	49	5060
Other 2-axle, 6-tired	722	56.34	407	15383	43.66	315	8164
3-axle	43	48.65	21	28094	51.35	22	13511
Subtotal	1995	48.77	973	10247	51.23	1022	5663
Tr-Tk semi-trailers							
3-axle	105	60.78	64	30148	39.22	41	17285
4-axle	66	60.94	40	49090	39.06	26	22140
5-axle or more	117	63.48	74	55151	36.52	43	33843
Subtotal	288	61.81	178	44799	38.19	110	24905
Tk-Trailer combinations							
4-axle or less	30	46.15	14	43825	53.85	16	24557
5-axle	98	39.13	38	72450	60.87	60	29213
6-axle or more	36	90.32	33	63800	9.68	3	30633
Subtotal	164	51.83	85	64377	48.17	79	28324
All combinations	452	58.19	263	51126	41.81	189	26334
All trucks and combs.	2447	50.51	1236	18945	49.49	1211	8889

WC-4

State Montana Sta. No. 1 & 7
Year 1952 Direction Combined
Season August 8-hr. period 10PM-6AM

Number of Vehicles Counted, Percentage and Number Loaded, Percentage and Number Empty, Average Loaded Weight and Average Empty Weight of Trucks and Truck Combinations

Vehicle type	Number of vehicles counted	Percentage loaded	Estimated number loaded	Average loaded weight	Percentage empty	Estimated number empty	Average empty weight
Single-unit trucks							
Panels and pick-ups	66	45.45	30	5660	54.55	36	4067
Other 2-axle, 4-tired	4	100.00	4	4900	0.00		
Other 2-axle, 6-tired	17	64.29	11	12856	35.71	6	9100
3-axle	1	0.00			100.00	1	15700
Subtotal	88	51.14	45	7351	48.86	43	5040
Tr-Tk semi-trailers							
3-axle	6	40.00	2	37150	60.00	4	19433
4-axle	11	63.64	7	47043	36.36	4	25075
5-axle or more	21	63.16	13	51725	36.84	8	33571
Subtotal	38	57.89	22	48910	42.11	16	27912
Tk-Trailer combinations							
4-axle or less	1	100.00	1	*43825	0.00		
5-axle	19	57.89	11	71109	42.11	8	36250
6-axle or more	8	62.50	5	58900	37.50	3	34036
Subtotal	28	60.71	17	65913	39.29	11	35646
All combinations	66	59.09	39	56321	40.91	27	31063
All trucks and combs.	154	54.55	84	29967	45.45	70	15077

*No vehicle of this type weighed. Average weight used is from 2PM-10PM period.

LEGEND

② = LOADOMETER STATIONS

= CONTROL SECTIONS

MAP OF MONTANA

SHOWING

LOCATIONS OF LOADOMETER STATIONS

AND

CORRESPONDING CONTROL SECTIONS

PREPARED BY

STATE HIGHWAY PLANNING SURVEY

IN COOPERATION WITH

U. S. DEPARTMENT OF COMMERCE

BUREAU OF PUBLIC ROADS

SEPT. 1, 1950